

Converting Colors

HunterLab(15.3055, -8.2455,
-0.1698)

Have a look what the booklet for
HunterLab(15.3055, -8.2455,
-0.1698) contains.

HunterLab(15.2828, -8.1366, -0.3567)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(15.2828, -8.1366,
-0.3567)**

Conversions

Conversions Part 1

Format	Color
Hex	05302D
RGB	5, 48, 45
RGB Percent	2%, 19%, 18%
CMY	0.9804, 0.8118, 0.8235
CMYK	0.90, 0.00, 0.06, 0.81
HSL	176°, 81%, 10%
HSV	176°, 90%, 19%
XYZ	1.5932, 2.3356, 2.8495
YIQ	34.8010, -24.6650, -10.0490

Conversions

Conversions Part 2

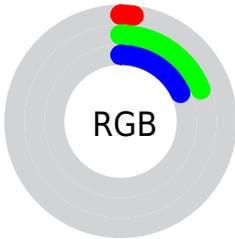
Format	Color
RYB	5, 27, 48
Decimal	340013
CIELab	17.16, -14.96, -2.21
CIELCh	17, 15.124, 188.398
Yxy	2.3357, 0.2350, 0.3446
Android (android.graphics.Color)	4278530093 (0xFF05302D)
YUV	34.8010, 5.0281, -26.1355
Hunter-Lab	15.2828, -8.1366, -0.3567

Details

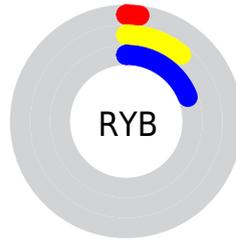
The HunterLab color **15.2828, -8.1366, -0.3567** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.6864, 11.8646, 3.9916**, and the grayscale version is **12.8918, -0.6879, 0.7004**.

A 20% lighter version of the original color is **30.9402, -11.0692, -0.0950**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.1729, -8.5913, -0.3706**, and if you desaturate by 10%, it is **15.3925, -7.6885, -0.3435**.

Distribution



- Red (2%)
- Green (19%)
- Blue (18%)



- Red (2%)
- Yellow (11%)
- Blue (19%)



- Cyan (90%)
- Magenta (0%)
- Yellow (6%)
- Black (81%)



- Cyan (98%)
- Magenta (81%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.2828, -8.1366, -0.3567 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the HunterLab color 15.2828, -8.1366, -0.3567 by changing the saturation by 10% instead.

■ 15.2828, -8.1366,
-0.3567

■ 15.2828, -8.1366,
-0.3567

■ 109.3985,
-21.0985, 3.7278

■ 8.9024, -7.7990,
-0.5504

■ 31.0224, -11.3088,
0.2054

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.1757, -12.7779,
0.5763

0.0000, NaN, NaN

■ 50.0856, -14.2058,
0.9976

0.0000, NaN, NaN

■ 60.6981, -15.6068,
1.4648

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.9696, -16.9907,
1.9741

0.0000, NaN, NaN

■ 83.8634, -18.3642,

0.0000, NaN, NaN

2.5226

 96.3486, -19.7323,
3.1078

 15.2828, -8.1366,
-0.3567

 15.2828, -8.1366,
-0.3567

 15.1729, -8.5913,
-0.3706

 15.3925, -7.6885,
-0.3435

 15.1683, -8.6106,
-0.3713

 15.5142, -7.1963,
-0.3147

 15.6647, -6.5975,
-0.2483

 15.8449, -5.8917,
-0.1436

 16.0557, -5.0805,
-0.0002

■ 16.2974, -4.1671,
0.1817

■ 16.5700, -3.1562,
0.4011

■ 16.8734, -2.0535,
0.6568

■ 17.2071, -0.8657,
0.9470

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



15.2831, -7.7412, 3.4430



15.2828, -8.1366, -0.3567



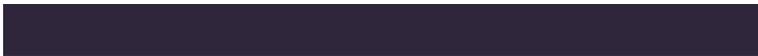
15.2831, -6.7471, -4.8746

Triad

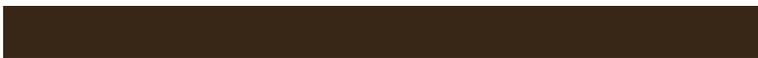
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.2831, -8.1367, -0.3565



15.2831, 4.6398, -6.6650



15.2831, 2.3337, 6.4683

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



15.2828, -8.1366, -0.3567



8.6864, 11.8646, 3.9916

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



15.2831, 6.1845, 4.9401



15.2828, -8.1366, -0.3567



15.2831, 7.6146, -2.3407

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



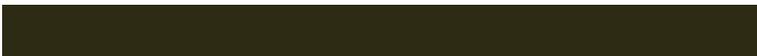
15.2831, -8.1367, -0.3565



15.2831, 0.4046, -9.1185



15.2831, 8.2090, 1.9319



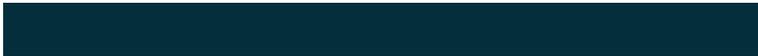
15.2831, -2.0000, 6.7278

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



15.2828, -8.1366, -0.3567



15.2831, -4.8948, -7.4527



15.2831, 8.2090, 1.9319



15.2831, 3.7406, 6.1112

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



15.2831, -8.1367, -0.3565



20.5820, -5.1068, 0.2596



14.7660, -11.4325, 8.3218



10.9994, -2.7271, 0.1391



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.2831, -8.1367, -0.3565



19.1144, -10.8863, -0.3908



10.8560, -1.5270, -8.6098



9.0968, -1.0072, 0.3761



27.1233, -15.5078, -0.4249



72.3393, -41.6229, -0.5659

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



8.6864, 11.8646, 3.9916



10.0390, 17.2853, 5.7643



11.1755, 5.2185, 6.2156



8.7107, 0.0786, 0.6008



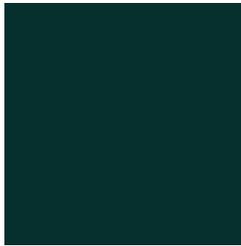
14.2305, 24.4634, 8.4733



37.8954, 64.9876, 23.7847

Previews

White Background



This preview shows how the HunterLab color 15.2828, -8.1366, -0.3567 looks on a white background.

Color Contrast Check

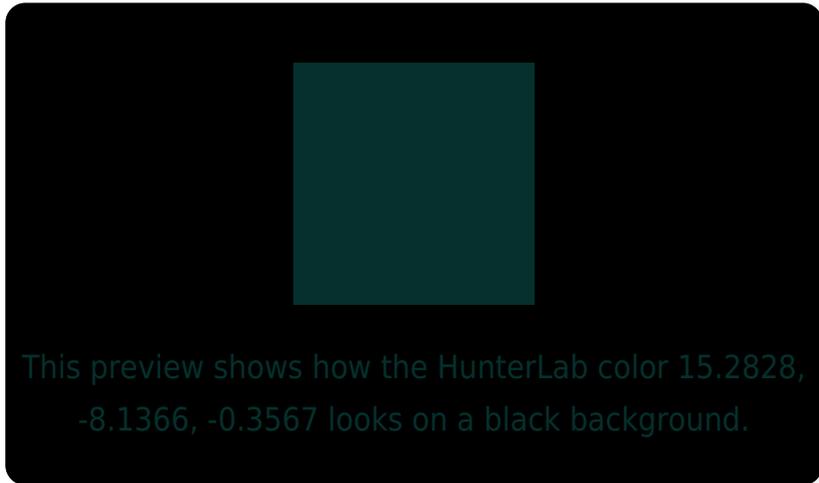
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

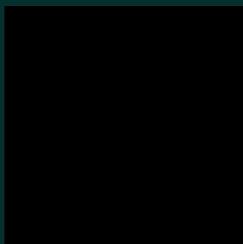
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 15.2828, -8.1366, -0.3567 Background



This preview shows how black text looks on a background with the HunterLab color 15.2828, -8.1366, -0.3567.



This preview shows how white text looks on a background with the HunterLab color 15.2828, -8.1366, -0.3567.

-0.3567.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

15.2828, -8.1366, -0.3567

Protanopia

15.3576, -0.3223, 1.0010

Deuteranopia

15.3004, 0.8534, -0.5732



Tritanopia

15.3304, -6.2695, -2.7761

Trichromacy



Original Color

15.2828, -8.1366, -0.3567

Protanomaly

15.0060, -3.9909, 0.1466

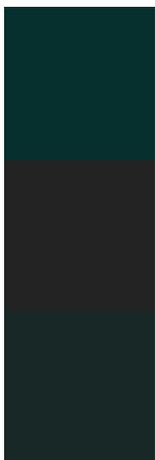
Deuteranomaly

15.0819, -3.5600, -0.9302

Tritanomaly

15.2081, -6.8540, -2.0771

Monochromacy



Original Color

15.2828, -8.1366, -0.3567

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

13.6318, -4.1919, -0.0220

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.2828, -8.1366, -0.3567 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(5, 48, 45)` looks like.

```
.text, #text, p{  
    color:rgb(5, 48, 45)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(5, 48, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 48, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 15.2828, -8.1366, -0.3567 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(5, 48, 45) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(5, 48, 45) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(5, 48, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 48, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 48, 45); box-shadow:4px  
4px 4px 4px rgb(5, 48, 45) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.2828, -8.1366, -0.3567 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 48, 45) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(5, 48,  
45) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor