

Converting Colors

HunterLab(15.8038, -3.4565,
-11.2482)

Have a look what the booklet for
HunterLab(15.8038, -3.4565,
-11.2482) contains.

HunterLab(15.7955, -3.3085, -11.4585)	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(15.7955, -3.3085,
-11.4585)**

Conversions

Conversions Part 1

Format	Color
Hex	052F45
RGB	5, 47, 69
RGB Percent	2%, 18%, 27%
CMY	0.9804, 0.8157, 0.7294
CMYK	0.93, 0.32, 0.00, 0.73
HSL	201°, 86%, 15%
HSV	201°, 93%, 27%
XYZ	2.1533, 2.4950, 5.9983
YIQ	36.9500, -32.0940, -2.0620

Conversions

Conversions Part 2

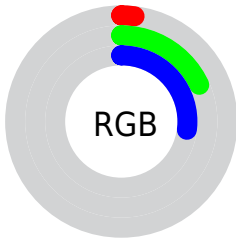
Format	Color
R_{YB}	5, 30, 69
Decimal	339781
CIE _{Lab}	17.90, -4.62, -17.66
CIE _{LCh}	18, 18.254, 255.327
Yxy	2.4951, 0.2023, 0.2343
Android (android.graphics.Color)	4278529861 (0xFF052F45)
YUV	36.9500, 15.8006, -28.0202
Hunter-Lab	15.7955, -3.3085, -11.4585

Details

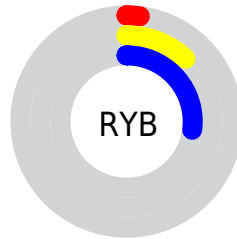
The HunterLab color **15.7955, -3.3085, -11.4585** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **14.3535, 10.6187, 8.4369**, and the grayscale version is **13.5446, -0.7227, 0.7359**.

A 20% lighter version of the original color is **31.7391, -4.9911, -11.9683**, and **3.1031, 5.9196, -16.6572** is the 20% darker color. If you saturate the color by 10%, you get **15.2575, -3.0296, -12.5305**, and if you desaturate by 10%, it is **16.5381, -3.7022, -10.0590**.

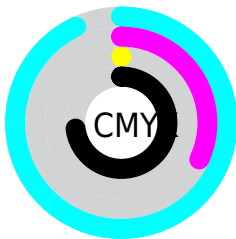
Distribution



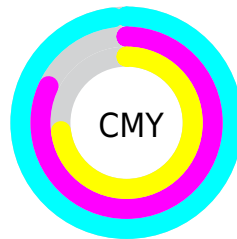
- Red (2%)
- Green (18%)
- Blue (27%)



- Red (2%)
- Yellow (12%)
- Blue (27%)



- Cyan (93%)
- Magenta (32%)
- Yellow (0%)
- Black (73%)



- Cyan (98%)
- Magenta (82%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7955, -3.3085, -11.4585 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 15.7955, -3.3085, -11.4585 by changing the saturation by 10% instead.

■ 15.7955, -3.3085,
-11.4585

■ 15.7955, -3.3085,
-11.4585

■ 110.3825,
-10.7180, -13.1651

■ 9.3497, -2.6543,
-11.0547

■ 31.6702, -4.8364,
-12.2873

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 40.8814, -5.6185,
-12.6089

0.0000, NaN, NaN

■ 50.8448, -6.4181,
-12.8597

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.5073, -7.2371,
-13.0420

0.0000, NaN, NaN

■ 72.8258, -8.0762,
-13.1598

0.0000, NaN, NaN

■ 84.7643, -8.9360,

0.0000, NaN, NaN

-13.2171

97.2920, -9.8166,
-13.2177

15.7955, -3.3085,
-11.4585

15.7955, -3.3085,
-11.4585

15.2575, -3.0296,
-12.5305

16.5381, -3.7022,
-10.0590

17.3188, -3.9684,
-8.6727

18.1511, -4.0589,
-7.2776

19.0328, -3.9828,
-5.8810

19.9614, -3.7512,
-4.4889

■ 20.9341, -3.3767,
-3.1059

■ 21.9481, -2.8718,
-1.7354

■ 23.0009, -2.2489,
-0.3796

■ 24.0899, -1.5193,
0.9602

Harmonies

Analogous

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



15.7958, -7.3035, -7.5563



15.7955, -3.3085, -11.4585



15.7958, 1.9001, -11.4103

Triad

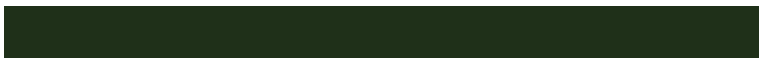
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



15.7958, -3.3083, -11.4582



15.7958, 10.0579, 3.1827



15.7958, -7.3709, 6.2104

Complementary

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



15.7955, -3.3085, -11.4585



14.3535, 10.6187, 8.4369

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.



15.7958, -3.4120, 7.5798



15.7955, -3.3085, -11.4585



15.7958, 6.8568, 6.2573

Square

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



15.7958, -3.3083, -11.4582



15.7958, 10.0952, -1.7571



15.7958, 1.7820, 7.5939



15.7958, -9.4336, 3.0937

Rectangle

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



15.7955, -3.3085, -11.4585



15.7958, 5.3943, -9.0914



15.7958, 1.7820, 7.5939



15.7958, -6.2424, 6.8377

Sweetspot

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



15.7958, -3.3083, -11.4582



27.6741, -4.1681, -3.3870



20.8918, -16.2172, 9.7598



14.2508, -2.2403, -1.9689



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



15.7958, -3.3083, -11.4582



19.5174, -3.4662, -16.9126



9.0712, 10.0465, -31.0347



12.6727, -1.0602, 0.0934



21.7262, -3.6858, -19.1993



51.9777, -6.4977, -50.9409

Inverse Universe

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



12.5662, 20.9315, -4.5795



15.6446, 28.7818, -5.3157



20.8234, -2.0526, 12.3862



12.3611, 0.5016, 0.1941



17.5008, 32.1688, -5.7311



43.0006, 78.6810, -11.2918

Previews

White Background



This preview shows how the HunterLab color 15.7955, -3.3085, -11.4585 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

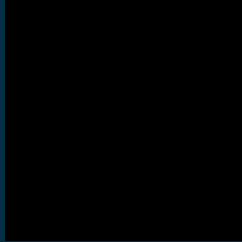
Any Text WCAG AA × Fail

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 15.7955, -3.3085, -11.4585 Background



This preview shows how black text looks on a background with the HunterLab color 15.7955, -3.3085, -11.4585.



This preview shows how white text looks on a background with the HunterLab color 15.7955, -3.3085, -11.4585.

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

15.7955, -3.3085, -11.4585

Protanopia

15.8569, 1.6332, -9.4725

Deuteranopia

15.8732, 0.8031, -11.8482



Tritanopia

15.6642, -7.5738, -3.2291

Trichromacy



Original Color

15.7955, -3.3085, -11.4585

Protanomaly

15.5348, -0.5890, -10.7048

Deuteranomaly

15.7429, -0.8693, -12.1368

Tritanomaly

15.6287, -5.9765, -6.1711

Monochromacy



Original Color

15.7955, -3.3085, -11.4585

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.1926, -2.8498, -3.4432

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7955, -3.3085, -11.4585 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, 47, 69)` looks like.

```
.text, #text, p{  
    color:rgb(5, 47, 69)  
}
```

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, 47, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 47, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7955, -3.3085, -11.4585 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, 47, 69) }
```


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

```
.border{ border-color:rgb(5, 47, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 47, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 47, 69); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 47, 69); box-shadow:4px  
4px 4px 4px rgb(5, 47, 69) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.7955, -3.3085, -11.4585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 47, 69) }
```

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

```
.background{ background-color: rgb(5, 47,  
69) }
```

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