

Converting Colors

HunterLab(15.7552, -7.9125,
-1.6086)

Have a look what the booklet for
HunterLab(15.7552, -7.9125,
-1.6086) contains.

HunterLab(15.6612, -7.7564, -1.9095)	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(15.6612, -7.7564,
-1.9095)**

Conversions

Conversions Part 1	
Format	Color
Hex	043132
RGB	4, 49, 50
RGB Percent	2%, 19%, 20%
CMY	0.9843, 0.8078, 0.8039
CMYK	0.92, 0.02, 0.00, 0.80
HSL	181°, 85%, 11%
HSV	181°, 92%, 20%
XYZ	1.7241, 2.4527, 3.4002
YIQ	35.6590, -27.1410, -9.2290

Conversions

Conversions Part 2

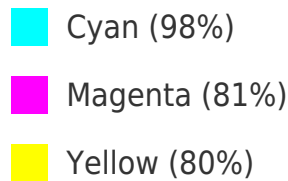
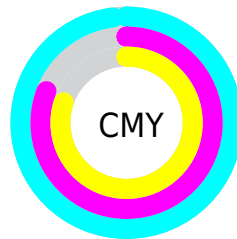
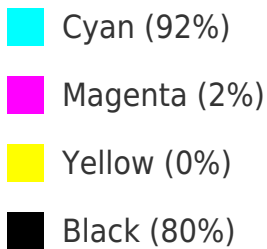
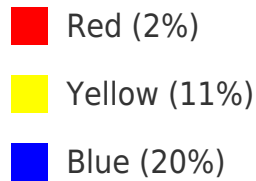
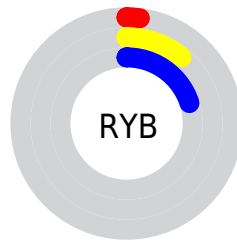
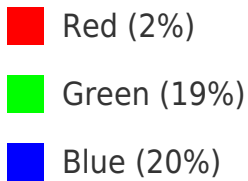
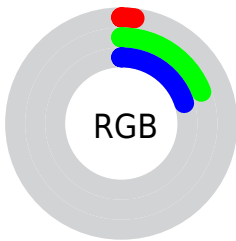
Format	Color
RYB	4, 27, 50
Decimal	274738
CIELab	17.70, -13.90, -4.87
CIELCh	18, 14.728, 199.315
Yxy	2.4528, 0.2275, 0.3237
Android (android.graphics.Color)	4278464818 (0xFF043132)
YUV	35.6590, 7.0701, -27.7649
Hunter-Lab	15.6612, -7.7564, -1.9095

Details

The HunterLab color **15.6612, -7.7564, -1.9095** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.9189, 12.2434, 4.9461**, and the grayscale version is **13.1586, -0.7021, 0.7149**.

A 20% lighter version of the original color is **31.3706, -10.6354, -1.7709**, and **0.6620, 1.7958, -4.7041** is the 20% darker color. If you saturate the color by 10%, you get **15.5555, -8.0536, -2.0577**, and if you desaturate by 10%, it is **15.7930, -7.3914, -1.7267**.


Distribution





Brightness & Saturation Gradients


These gradients show how the HunterLab color 15.6612, -7.7564, -1.9095 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 15.6612, -7.7564, -1.9095 by changing the saturation by 10% instead.

 15.6612, -7.7564,
-1.9095

 15.6612, -7.7564,
-1.9095


 110.1255,
-20.1149, 1.0111

 9.2351, -7.0512,
-1.8973


 31.5008, -10.7427,
-1.6668

0.0000, NaN, -NF

0.0000, NaN, NaN


 40.6970, -12.1366,
-1.4378

0.0000, NaN, NaN


 50.6464, -13.4965,
-1.1492

0.0000, NaN, NaN

0.0000, NaN, NaN

 61.2959, -14.8352,
-0.8073

0.0000, NaN, NaN


 72.6021, -16.1612,
-0.4168


0.0000, NaN, NaN


 84.5290, -17.4805,


0.0000, NaN, NaN


0.0184


 97.0456, -18.7973,
0.4952


 15.6612, -7.7564,
-1.9095


 15.6612, -7.7564,
-1.9095


 15.5555, -8.0536,
-2.0577

 15.7930, -7.3914,
-1.7267

 15.9330, -6.9962,
-1.5340

 16.1023, -6.4918,
-1.3028

 16.3026, -5.8746,
-1.0320

 16.5347, -5.1456,
-0.7222

■ 16.7990, -4.3076,
-0.3745

■ 17.0954, -3.3649,
0.0094

■ 17.4240, -2.3234,
0.4274

■ 17.7840, -1.1896,
0.8771

Harmonies

Analogous

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



15.6615, -8.0127, 2.2119



15.6612, -7.7564, -1.9095



15.6615, -5.7641, -6.1689

Triad

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



15.6615, -7.7564, -1.9093



15.6615, 5.7746, -5.0325



15.6615, 0.6902, 6.6814

Complementary

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



15.6612, -7.7564, -1.9095



8.9189, 12.2434, 4.9461

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.



15.6615, 4.7874, 5.6333



15.6612, -7.7564, -1.9095



15.6615, 7.9219, -0.6408

Square

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



15.6615, -7.7564, -1.9093



15.6615, 1.9270, -8.2757



15.6615, 7.5427, 3.1880



15.6615, -3.4208, 6.5103

Rectangle

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



15.6612, -7.7564, -1.9095



15.6615, -3.5900, -8.1793



15.6615, 7.5427, 3.1880



15.6615, 2.1214, 6.4738

Sweetspot

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



15.6615, -7.7564, -1.9093



21.3099, -5.1423, -0.3508



15.2234, -12.3730, 8.6306



11.6718, -2.8985, -0.2237



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



15.6615, -7.7564, -1.9093



19.6275, -10.1493, -2.6231



10.0267, 0.2636, -11.6610



9.8405, -1.0709, 0.3317



27.5541, -14.2281, -3.7258



72.1829, -37.1840, -9.9527

Inverse Universe

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



9.9336, 16.9961, -10.9252



11.9727, 23.4420, -15.0418



12.2737, 3.9298, 7.0766



9.4658, 0.3885, -0.0798



16.8210, 32.9274, -21.0758



44.1236, 86.3403, -55.0324

Previews

White Background



This preview shows how the HunterLab color 15.6612, -7.7564, -1.9095 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



This preview shows how the HunterLab color 15.6612, -7.7564, -1.9095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

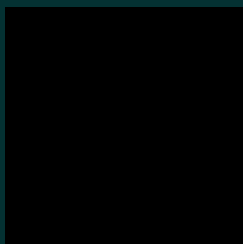
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

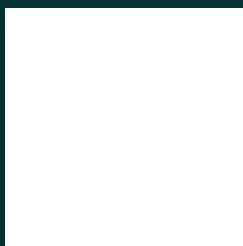
Any Text WCAG AAA × Fail

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

HunterLab 15.6612, -7.7564, -1.9095 Background



This preview shows how black text looks on a background with the HunterLab color 15.6612, -7.7564, -1.9095.



This preview shows how white text looks on a background with the HunterLab color 15.6612, -7.7564, -1.9095.

-1.9095.

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

15.6612, -7.7564, -1.9095

Protanopia

15.9439, -0.4450, -0.1839

Deuteranopia

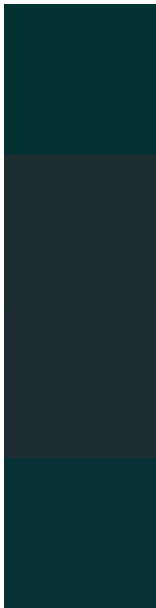
15.8185, 0.5297, -1.9825



Tritanopia

15.8485, -6.8582, -2.9548

Trichromacy



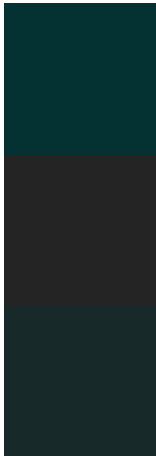
Original Color
15.6612, -7.7564, -1.9095

Protanomaly
15.5840, -4.1669, -1.1089

Deuteranomaly
15.4175, -3.3317, -2.6025

Tritanomaly
15.7789, -7.1851, -2.6105

Monochromacy



Original Color
15.6612, -7.7564, -1.9095

Achromatopsia
13.2823, -0.7087, 0.7217

Achromatomaly
13.9290, -4.2578, -0.4212

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.6612, -7.7564, -1.9095 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(4, 49, 50)` looks like.

```
.text, #text, p{  
    color:rgb(4, 49, 50)  
}
```

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(4, 49, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 49, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 15.6612, -7.7564, -1.9095 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(4, 49, 50) }
```


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

```
.border{ border-color:rgb(4, 49, 50) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 49, 50)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 49, 50); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 49, 50); box-shadow:4px  
4px 4px 4px rgb(4, 49, 50) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.6612, -7.7564, -1.9095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 49, 50) }
```

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

```
.background{ background-color: rgb(4, 49,  
50) }
```

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