

Converting Colors

HunterLab(12.6228, 15.7203,
-3.6059)

Have a look what the booklet for
HunterLab(12.6228, 15.7203,
-3.6059) contains.

HunterLab(12.7154, 15.7752, -3.4648)	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(12.7154, 15.7752,
-3.4648)**

Conversions

Conversions Part 1

Format	Color
Hex	3F102D
RGB	63, 16, 45
RGB Percent	25%, 6%, 18%
CMY	0.7529, 0.9372, 0.8235
CMYK	0.00, 0.75, 0.29, 0.75
HSL	323°, 59%, 15%
HSV	323°, 75%, 25%
XYZ	2.7089, 1.6168, 2.6519
YIQ	33.3590, 18.7030, 18.9830

Conversions

Conversions Part 2

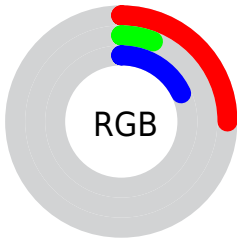
Format	Color
R _{YB}	63, 16, 45
Decimal	4132909
CIE Lab	13.33, 26.30, -7.40
CIE LCh	13, 27.317, 344.282
Yxy	1.6169, 0.3882, 0.2317
Android (android.graphics.Color)	4282322989 (0xFF3F102D)
YUV	33.3590, 5.7390, 25.9952
Hunter-Lab	12.7154, 15.7752, -3.4648




Details

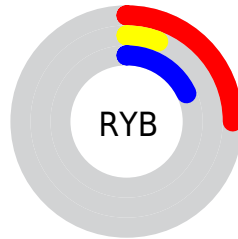
The HunterLab color **12.7154, 15.7752, -3.4648** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19.4441, -13.0962, 7.1368**, and the grayscale version is **12.4241, -0.6629, 0.6750**.




A 20% lighter version of the original color is **27.7692, 18.3899, -3.6990**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.9950, 17.4578, -3.4049**, and if you desaturate by 10%, it is **13.6045, 13.7712, -3.2876**.

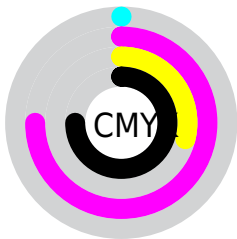
Distribution







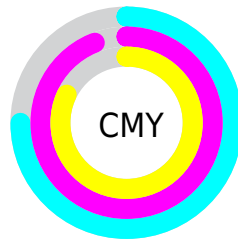
-  Red (25%)
-  Green (6%)
-  Blue (18%)






-  Red (25%)
-  Yellow (6%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (75%)
-  Yellow (29%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (94%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7154, 15.7752, -3.4648 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 12.7154, 15.7752, -3.4648 by changing the saturation by 10% instead.

12.7154, 15.7752,
-3.4648

12.7154, 15.7752,
-3.4648

104.3403, 22.9875,
-1.8533

6.0741, 18.8090,
-4.7195

27.7342, 18.2220,
-3.5820

0.0000, NaN, NaN

0.0000, NaN, NaN

36.5809, 19.2253,
-3.5136

0.0000, NaN, NaN

46.2083, 20.1000,
-3.3750

0.0000, NaN, NaN

56.5577, 20.8610,
-3.1741

0.0000, NaN, NaN

0.0000, NaN, NaN

67.5816, 21.5207,
-2.9170

0.0000, NaN, NaN

79.2413, 22.0896,

0.0000, NaN, NaN

-2.6087

91.5036, 22.5761,
-2.2530

12.7154, 15.7752,
-3.4648

12.7154, 15.7752,
-3.4648

11.9950, 17.4578,
-3.4049

13.6045, 13.7712,
-3.2876

11.3359, 19.1003,
-3.2617

14.6456, 11.5626,
-2.9097

10.9654, 20.1066,
-3.2093

15.8216, 9.2421,
-2.3697

17.1150, 6.8769,
-1.7036

18.5103, 4.5099,
-0.9411

■ 19.9938, 2.1662,
-0.1054

■ 21.5543, -0.1417,
0.7862

■ 23.1821, -2.4091,
1.7209

■ 24.8692, -4.6359,
2.6893

Harmonies

Analogous

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



12.7157, 10.6303, -12.9878



12.7154, 15.7752, -3.4648



12.7157, 15.9069, 3.5557

Triad

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



12.7157, 15.7744, -3.4644



12.7157, -3.9480, 8.9010



12.7157, -9.2212, -12.5374

Complementary

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



12.7154, 15.7752, -3.4648



19.4441, -13.0962, 7.1368

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.



12.7157, -11.6306, -3.0459



12.7154, 15.7752, -3.4648



12.7157, -9.0433, 7.7825

Square

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



12.7157, 15.7744, -3.4644



12.7157, 3.3350, 8.9010



12.7157, -11.5698, 3.7941



12.7157, -4.2499, -19.9232

Rectangle

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



12.7154, 15.7752, -3.4648



12.7157, 13.0600, 6.4232



12.7157, -11.5698, 3.7941



12.7157, -10.2932, -9.3107

Sweetspot

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



12.7157, 15.7744, -3.4644



24.3052, 5.3436, -1.0475



10.2800, 11.8290, -20.5812



12.3997, 2.8513, -0.5753



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



12.7157, 15.7744, -3.4644



14.8812, 24.1819, -4.0546



12.1918, 13.5490, 3.9919



10.8850, 0.3777, 0.2302



16.4496, 30.0408, -3.8692



41.6037, 75.5806, -6.7055

Inverse Universe

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



12.7157, 15.7744, -3.4644



14.8812, 24.1819, -4.0546



19.8947, -10.3829, 0.6447



10.8850, 0.3777, 0.2302



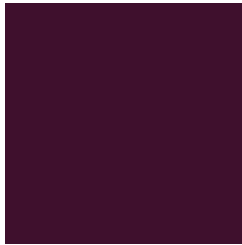
16.4496, 30.0408, -3.8692



41.6037, 75.5806, -6.7055

Previews

White Background



This preview shows how the HunterLab color 12.7154, 15.7752, -3.4648 looks on a white background.

Color Contrast Check

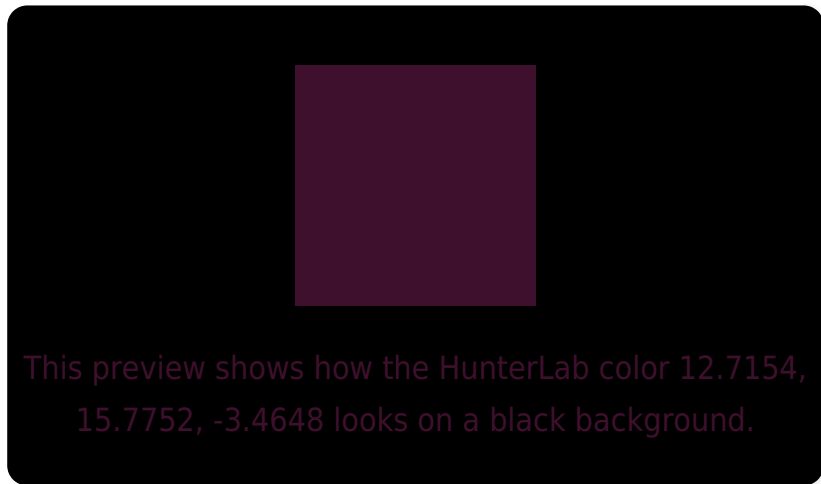
Large Text (above 18pt) WCAG AA ✓ Pass

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

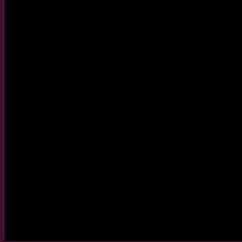
Any Text WCAG AA × Fail

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 12.7154, 15.7752, -3.4648 Background



This preview shows how black text looks on a background with the HunterLab color 12.7154, 15.7752, -3.4648.



This preview shows how white text looks on a background with the HunterLab color 12.7154, 15.7752, -3.4648.

-3.4648.

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

12.7154, 15.7752, -3.4648

Protanopia

13.1812, 1.5313, -10.4625

Deuteranopia

13.2072, 0.4921, -1.6868



Tritanopia

12.7745, 10.8485, 4.0507

Trichromacy



Original Color

12.7154, 15.7752, -3.4648

Protanomaly

12.3620, 6.0586, -9.0153

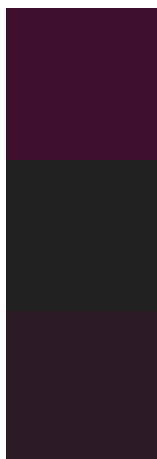
Deuteranomaly

12.5927, 6.0008, -2.8961

Tritanomaly

12.7622, 12.5975, 1.7361

Monochromacy



Original Color

12.7154, 15.7752, -3.4648

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.0537, 5.0371, -1.0937

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7154, 15.7752, -3.4648 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(63, 16, 45)` looks like.

```
.text, #text, p{  
    color:rgb(63, 16, 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(63, 16, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 16, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7154, 15.7752, -3.4648 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(63, 16, 45) }
```


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

```
.border{ border-color:rgb(63, 16, 45) }
```

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

Here you see how a box with a 4 pixel rgb(63, 16, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 16, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 16, 45);  
box-shadow:4px 4px 4px 4px rgb(63, 16, 45)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.7154, 15.7752, -3.4648 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 16, 45) }
```

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

```
.background{ background-color: rgb(63, 16,  
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](#).

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