

Converting Colors

HunterLab(12.3159, 17.1816,
-4.5449)

Have a look what the booklet for
HunterLab(12.3159, 17.1816,
-4.5449) contains.

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Color

**HunterLab(12.3165, 17.2072,
-4.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	3F0C2E
RGB	63, 12, 46
RGB Percent	25%, 5%, 18%
CMY	0.7529, 0.9529, 0.8196
CMYK	0.00, 0.81, 0.27, 0.75
HSL	320°, 68%, 15%
HSV	320°, 81%, 25%
XYZ	2.6745, 1.5170, 2.7366
YIQ	31.1250, 19.4820, 21.3860

Conversions

Conversions Part 2

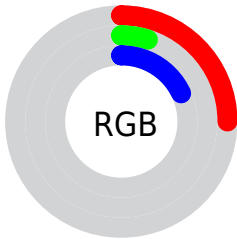
Format	Color
RYB	63, 12, 46
Decimal	4131886
CIELab	12.72, 28.31, -9.07
CIElCh	13, 29.724, 342.225
Yxy	1.5170, 0.3860, 0.2190
Android (android.graphics.Color)	4282321966 (0xFF3F0C2E)
YUV	31.1250, 7.3334, 27.9544
Hunter-Lab	12.3165, 17.2072, -4.5521




Details

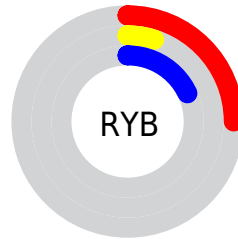
The HunterLab color **12.3165, 17.2072, -4.5521** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19.2923, -13.8599, 8.0723**, and the grayscale version is **11.7186, -0.6253, 0.6367**.




A 20% lighter version of the original color is **27.2238, 19.9310, -4.9274**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.6690, 18.8089, -4.5376**, and if you desaturate by 10%, it is **13.0901, 15.3659, -4.3797**.

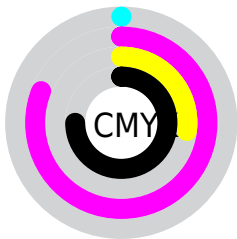
Distribution







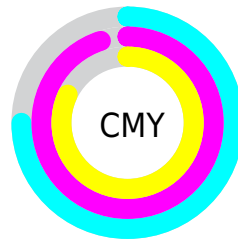
-  Red (25%)
-  Green (5%)
-  Blue (18%)






-  Red (25%)
-  Yellow (5%)
-  Blue (18%)



-  Cyan (0%)
-  Magenta (81%)
-  Yellow (27%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (95%)
-  Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3165, 17.2072, -4.5521 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 12.3165, 17.2072, -4.5521 by changing the saturation by 10% instead.

■ 12.3165, 17.2072,
-4.5521

■ 12.3165, 17.2072,
-4.5521

■ 103.5325, 25.2610,
-3.6535

■ 5.4834, 22.4393,
-6.5611

■ 27.2157, 19.8489,
-4.8502

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.0120, 20.9542,
-4.8684

0.0000, NaN, NaN

■ 45.5932, 21.9281,
-4.8124

0.0000, NaN, NaN

■ 55.8994, 22.7849,
-4.6903

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.8830, 23.5369,
-4.5086

0.0000, NaN, NaN

■ 78.5044, 24.1946,

0.0000, NaN, NaN

-4.2725

90.7305, 24.7668,
-3.9863

12.3165, 17.2072,
-4.5521

12.3165, 17.2072,
-4.5521

11.6690, 18.8089,
-4.5376

13.0901, 15.3659,
-4.3797

11.0631, 20.4569,
-4.5636

14.0257, 13.2427,
-3.9778

15.1074, 10.9460,
-3.3892

16.3178, 8.5612,
-2.6561

17.6402, 6.1478,
-1.8145

■ 19.0599, 3.7427,
-0.8928

■ 20.5641, 1.3667,
0.0879

■ 22.1420, -0.9703,
1.1124

■ 23.7846, -3.2651,
2.1697

Harmonies

Analogous

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



12.3168, 11.1802, -15.3477



12.3165, 17.2072, -4.5521



12.3168, 17.7787, 3.3338

Triad

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



12.3168, 17.2063, -4.5517



12.3168, -3.6864, 8.6218



12.3168, -9.9506, -13.3593

Complementary

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



12.3165, 17.2072, -4.5521



19.2923, -13.8599, 8.0723

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.



12.3168, -12.4409, -2.7639



12.3165, 17.2072, -4.5521



12.3168, -9.2302, 8.6218

Square

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



12.3168, 17.2063, -4.5517



12.3168, 4.2831, 8.6218



12.3168, -12.1774, 4.2972



12.3168, -4.9250, -22.2492

Rectangle

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



12.3165, 17.2072, -4.5521



12.3168, 14.8402, 6.5777



12.3168, -12.1774, 4.2972



12.3168, -11.0595, -9.6719

Sweetspot

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



12.3168, 17.2063, -4.5517



23.9414, 6.1241, -1.6568



9.3975, 12.7195, -23.6561



12.1538, 3.3569, -0.9327



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.



12.3168, 17.2063, -4.5517



14.5155, 25.8318, -5.4772



11.7137, 14.7359, 4.0060



10.8885, 0.3966, 0.1802



16.6011, 30.5848, -5.9770



42.0009, 77.0104, -12.2598

Inverse Universe

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



12.3168, 17.2063, -4.5517



14.5155, 25.8318, -5.4772



19.7593, -11.0291, 1.3243



10.8885, 0.3966, 0.1802



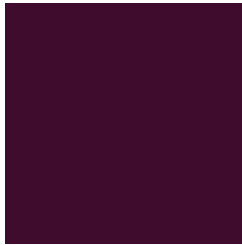
16.6011, 30.5848, -5.9770



42.0009, 77.0104, -12.2598

Previews

White Background



This preview shows how the HunterLab color 12.3165, 17.2072, -4.5521 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

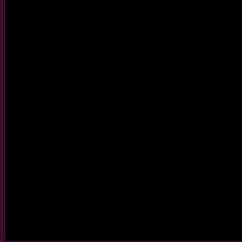
Any Text WCAG AA × Fail

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 12.3165, 17.2072, -4.5521 Background



This preview shows how black text looks on a background with the HunterLab color 12.3165, 17.2072, -4.5521.



This preview shows how white text looks on a background with the HunterLab color 12.3165, 17.2072, -4.5521.

-4.5521.

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

12.3165, 17.2072, -4.5521

Protanopia

12.8935, 1.9738, -12.9775

Deuteranopia

12.8785, 0.5783, -2.5762



Tritanopia

12.5951, 11.0855, 4.3819

Trichromacy



Original Color

12.3165, 17.2072, -4.5521

Protanomaly

11.9064, 6.8411, -11.1744

Deuteranomaly

12.1595, 6.7039, -4.0090

Tritanomaly

12.4727, 13.2389, 1.7552

Monochromacy



Original Color

12.3165, 17.2072, -4.5521

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

11.3764, 5.8443, -1.5862

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3165, 17.2072, -4.5521 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, 12, 46)` looks like.

```
.text, #text, p{  
    color:rgb(63, 12, 46)  
}
```

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, 12, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 12, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3165, 17.2072, -4.5521 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, 12, 46) }
```


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

```
.border{ border-color:rgb(63, 12, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 12, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 12, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 12, 46);  
box-shadow:4px 4px 4px 4px rgb(63, 12, 46)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3165, 17.2072, -4.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 12, 46) }
```

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

```
.background{ background-color: rgb(63, 12,  
46) }
```

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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