

Converting Colors

HunterLab(12.8441, 72.8971,
8.9908)

Have a look what the booklet for
HunterLab(12.8441, 72.8971,
8.9908) contains.

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Color

**HunterLab(20.5313, 35.1818,
13.1013)**

Conversions

Conversions Part 1

Format	Color
Hex	7B0002
RGB	123, 0, 2
RGB Percent	48%, 0%, 1%
CMY	0.5176, 0.9999, 0.9922
CMYK	0.00, 1.00, 0.98, 0.52
HSL	359°, 100%, 24%
HSV	359°, 100%, 48%
XYZ	8.1793, 4.2153, 0.4400
YIQ	37.0050, 72.6660, 26.6980

Conversions

Conversions Part 2

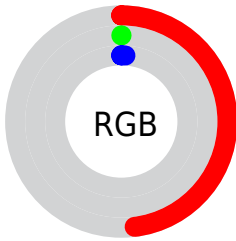
Format	Color
RYB	123, 0, 2
Decimal	8060930
CIELab	24.37, 46.73, 35.73
CIELCh	24, 58.824, 37.397
Yxy	4.2156, 0.6373, 0.3284
Android (android.graphics.Color)	4286251010 (0xFF7B0002)
YUV	37.0050, -17.2575, 75.4176
Hunter-Lab	20.5313, 35.1818, 13.1013

Details

The HunterLab color **20.5313, 35.1818, 13.1013** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **39.4293, -21.3081, -3.2839**, and the grayscale version is **13.6426, -0.7279, 0.7412**.

A 20% lighter version of the original color is **37.4984, 38.8751, 19.3656**, and **10.6010, 18.1546, 6.8501** is the 20% darker color. If you saturate the color by 10%, you get **20.5311, 35.1814, 13.1023**, and if you desaturate by 10%, it is **21.2451, 33.2596, 12.5037**.

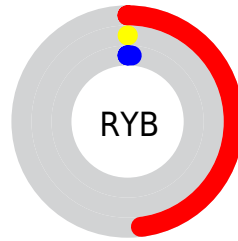
Distribution



Red (48%)

Green (0%)

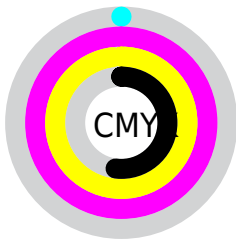
Blue (1%)



Red (48%)

Yellow (0%)

Blue (1%)

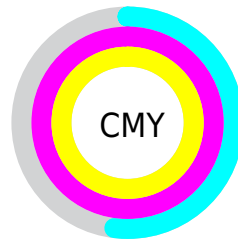


Cyan (0%)

Magenta (100%)

Yellow (98%)

Black (52%)



Cyan (52%)

Magenta (100%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5313, 35.1818, 13.1013 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 20.5313, 35.1818, 13.1013 by changing the saturation by 10% instead.

■ 20.5313, 35.1818,
13.1013

■ 20.5313, 35.1818,
13.1013

■ 119.1485, 48.3786,
37.6412

■ 13.3974, 33.3494,
9.3782

■ 37.5461, 38.8456,
19.4155

■ 6.9569, 35.3394,
4.8698

■ 47.2510, 40.5302,
22.3622

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.6725, 42.0989,
25.1497

0.0000, NaN, NaN

■ 68.7642, 43.5548,
27.8123

0.0000, NaN, NaN

■ 80.4879, 44.9039,
30.3756


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.8112, 46.1532,


32.8588


0.0000, NaN, NaN


 105.7061, 47.3094,
35.2768


 20.5313, 35.1818,
13.1013


 20.5313, 35.1818,
13.1013


 20.5311, 35.1814,
13.1023

 21.2451, 33.2596,
12.5037

 22.2829, 30.6691,
11.6354

 23.8131, 27.1543,
10.5188

 25.8056, 23.0436,
9.2656

 28.2081, 18.6498,
7.9749

■ 30.9618, 14.1994,
6.7142

■ 34.0119, 9.8267,
5.5199

■ 37.3111, 5.5960,
4.4061

■ 40.8206, 1.5283,
3.3736

Harmonies

Analogous

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



20.5320, 46.9909, 4.9905



20.5313, 35.1818, 13.1013



20.5320, 14.3207, 14.3724

Triad

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



20.5320, 35.1791, 13.1016



20.5320, -24.5904, 10.2923



20.5320, 3.6524, -67.9372

Complementary

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



20.5313, 35.1818, 13.1013



39.4293, -21.3081, -3.2839

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.



20.5320, -12.9861, -60.4043



20.5313, 35.1818, 13.1013



20.5320, -25.6972, -3.6968

Square

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



20.5320, 35.1791, 13.1016



20.5320, -18.4481, 14.3724



20.5320, -22.2989, -31.5592



20.5320, 25.0643, -47.5141

Rectangle

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



20.5313, 35.1818, 13.1013



20.5320, 0.5322, 14.3724



20.5320, -22.2989, -31.5592



20.5320, -2.6762, -68.7678

Sweetspot

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



20.5320, 35.1791, 13.1016



45.1966, 13.5823, 7.5028



23.4343, 46.2308, -32.1605



21.2280, 7.5745, 3.9071



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



20.5320, 35.1791, 13.1016



27.4708, 47.0653, 17.5905



27.1773, 16.5165, 17.0348



20.0400, 0.5650, 1.5982



20.8821, 35.7825, 13.3293



45.5944, 78.1014, 29.3101

Inverse Universe

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



20.5320, 35.1791, 13.1016



27.4708, 47.0653, 17.5905



22.4658, 3.4613, -35.5499



20.0400, 0.5650, 1.5982



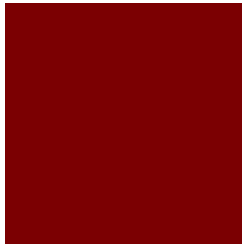
20.8821, 35.7825, 13.3293



45.5944, 78.1014, 29.3101

Previews

White Background



This preview shows how the HunterLab color 20.5313, 35.1818, 13.1013 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

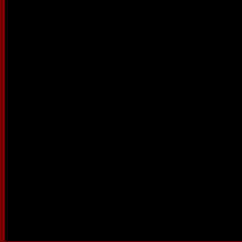
Any Text WCAG AA × Fail

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 20.5313, 35.1818, 13.1013 Background



This preview shows how black text looks on a background with the HunterLab color 20.5313, 35.1818, 13.1013.



This preview shows how white text looks on a background with the HunterLab color 20.5313, 35.1818,

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

20.5313, 35.1818, 13.1013

Protanopia

21.8741, -2.8479, 12.1001

Deuteranopia

21.7891, 0.4203, 13.4337



Tritanopia

20.9211, 32.8878, 13.4672

Trichromacy



Original Color

20.5313, 35.1818, 13.1013

Protanomaly

18.9712, 12.9588, 10.9273

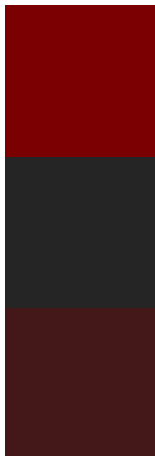
Deuteranomaly

19.4116, 14.9011, 12.1345

Tritanomaly

20.7165, 33.6030, 13.2715

Monochromacy



Original Color

20.5313, 35.1818, 13.1013

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.9576, 12.3467, 5.1460

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5313, 35.1818, 13.1013 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(123, 0, 2)` looks like.

```
.text, #text, p{  
    color:rgb(123, 0, 2)  
}
```

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(123, 0, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 0, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5313, 35.1818, 13.1013 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(123, 0, 2) }
```


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

```
.border{ border-color:rgb(123, 0, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(123, 0, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(123, 0, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(123, 0, 2); box-shadow:4px  
4px 4px 4px rgb(123, 0, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.5313, 35.1818, 13.1013 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 0, 2) }
```

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

```
.background{ background-color: rgb(123, 0,  
2) }
```

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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