

Converting Colors

HunterLab(17.3711, 49.6564,
12.1598)

Have a look what the booklet for
HunterLab(17.3711, 49.6564,
12.1598) contains.

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Color

**HunterLab(20.8806, 35.7586,
13.4925)**

Conversions

Conversions Part 1

Format	Color
Hex	7D0000
RGB	125, 0, 0
RGB Percent	49%, 0%, 0%
CMY	0.5098, 0.9999, 1.0000
CMYK	0.00, 1.00, 1.00, 0.51
HSL	0°, 100%, 25%
HSV	0°, 100%, 49%
XYZ	8.4575, 4.3600, 0.3958
YIQ	37.3750, 74.5000, 26.5000

Conversions

Conversions Part 2

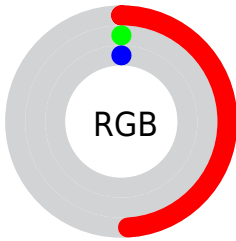
Format	Color
R_{YB}	125, 0, 0
Decimal	8192000
CIE Lab	24.83, 47.24, 37.15
CIE LCh	25, 60.094, 38.179
Yxy	4.3603, 0.6401, 0.3300
Android (android.graphics.Color)	4286382080 (0xFF7D0000)
YUV	37.3750, -18.4259, 76.8471
Hunter-Lab	20.8806, 35.7586, 13.4925

Details

The HunterLab color **20.8806, 35.7586, 13.4925** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **40.1799, -21.2985, -4.2440**, and the grayscale version is **13.7645, -0.7344, 0.7478**.

A 20% lighter version of the original color is **37.9578, 39.1419, 20.0373**, and **10.7622, 18.4306, 6.9543** is the 20% darker color. If you saturate the color by 10%, you get **20.8812, 35.7560, 13.4929**, and if you desaturate by 10%, it is **21.5947, 33.8307, 12.8991**.

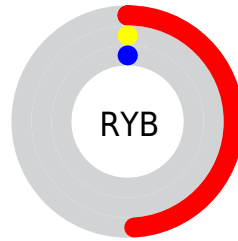
Distribution



Red (49%)

Green (0%)

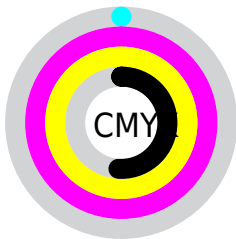
Blue (0%)



Red (49%)

Yellow (0%)

Blue (0%)

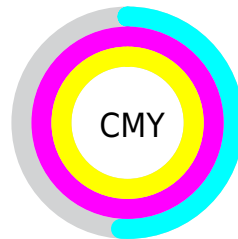


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (51%)



Cyan (51%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8806, 35.7586, 13.4925 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 20.8806, 35.7586, 13.4925 by changing the saturation by 10% instead.

■ 20.8806, 35.7586,
13.4925

■ 20.8806, 35.7586,
13.4925

■ 119.7750, 49.0676,
38.7740

■ 13.7006, 33.9147,
9.5904

■ 37.9728, 39.4439,
19.9779

■ 7.3112, 34.9576,
5.1178

■ 47.7117, 41.1405,
23.0213

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.1647, 42.7217,
25.8995

0.0000, NaN, NaN

■ 69.2860, 44.1906,
28.6473

0.0000, NaN, NaN

■ 81.0378, 45.5529,
31.2910

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.3877, 46.8155,

33.8503


0.0000, NaN, NaN


 106.3082, 47.9850,
36.3406


 20.8806, 35.7586,
13.4925


 20.8806, 35.7586,
13.4925


 20.8812, 35.7560,
13.4929

 21.5947, 33.8307,
12.8991

 22.6405, 31.1845,
12.0883

 24.1905, 27.5952,
10.9977

 26.2149, 23.4005,
9.7381

 28.6601, 18.9220,
8.4137

■ 31.4658, 14.3925,
7.0980

■ 34.5756, 9.9491,
5.8330

■ 37.9408, 5.6568,
4.6370

■ 41.5216, 1.5362,
3.5140

Harmonies

Analogous

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



20.8813, 48.3171, 5.4759



20.8806, 35.7586, 13.4925



20.8813, 14.1592, 14.6169

Triad

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



20.8813, 35.7558, 13.4928



20.8813, -25.2550, 10.3279



20.8813, 4.3028, -70.0440

Complementary

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



20.8806, 35.7586, 13.4925



40.1799, -21.2985, -4.2440

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.



20.8813, -12.9653, -63.0230



20.8806, 35.7586, 13.4925



20.8813, -26.2641, -4.3957

Square

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



20.8813, 35.7558, 13.4928



20.8813, -19.1463, 14.6169



20.8813, -22.6711, -33.4442



20.8813, 26.3856, -48.2865

Rectangle

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



20.8806, 35.7586, 13.4925



20.8813, 0.0504, 14.6169



20.8813, -22.6711, -33.4442



20.8813, -2.2559, -71.1852

Sweetspot

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



20.8813, 35.7558, 13.4928



45.9545, 13.7394, 7.9256



24.1674, 47.5137, -31.8752



21.2185, 7.5215, 4.0543



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.



20.8813, 35.7558, 13.4928



27.9429, 47.8494, 18.0560



28.0354, 15.9276, 17.5541



20.8431, 0.5880, 1.7025



21.3327, 36.5291, 13.7846

0.0000, NaN, NaN

Inverse Universe

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



40.1799, -21.2985, -4.2440



53.7684, -28.5014, -5.6794



22.3172, 4.5487, -37.7137



22.1062, -2.7825, 0.6635



41.0486, -21.7590, -4.3357

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 20.8806, 35.7586, 13.4925 looks on a white background.

Color Contrast Check

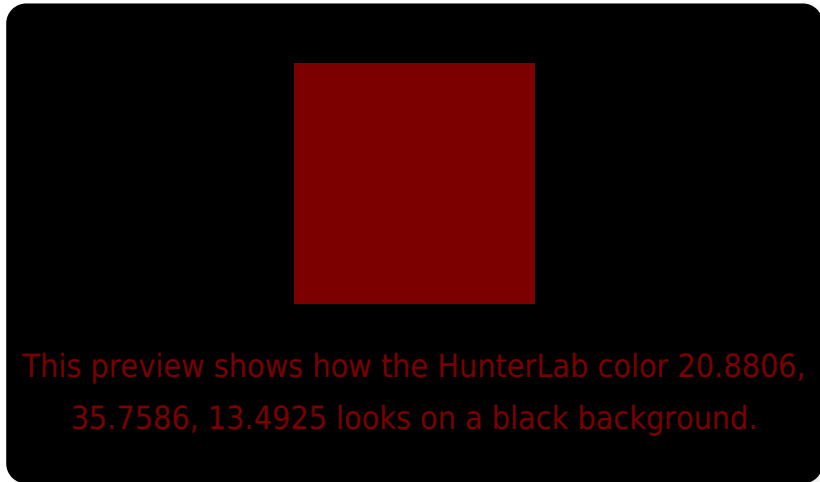
Large Text (above 18pt) WCAG AA ✓ Pass

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

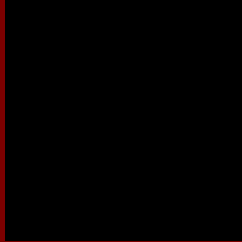
Any Text WCAG AA × Fail

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 20.8806, 35.7586, 13.4925 Background



This preview shows how black text looks on a background with the HunterLab color 20.8806, 35.7586, 13.4925.



This preview shows how white text looks on a background with the HunterLab color 20.8806, 35.7586,

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

20.8806, 35.7586, 13.4925

Protanopia

22.2081, -2.9397, 12.3244

Deuteranopia

22.1223, 0.3412, 13.6377



Tritanopia

21.3261, 33.3529, 13.7249

Trichromacy



Original Color

20.8806, 35.7586, 13.4925

Protanomaly

19.4001, 13.2321, 11.3083

Deuteranomaly

19.6800, 15.5997, 12.3998

Tritanomaly

21.1158, 34.0477, 13.6075

Monochromacy



Original Color

20.8806, 35.7586, 13.4925

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.0870, 12.6742, 5.2651

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8806, 35.7586, 13.4925 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(125, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(125, 0, 0)  
}
```

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(125, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 0, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8806, 35.7586, 13.4925 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(125, 0, 0) }
```


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

```
.border{ border-color:rgb(125, 0, 0) }
```

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

Here you see how a box with a 4 pixel rgb(125, 0, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(125, 0, 0); box-shadow:4px  
4px 4px 4px rgb(125, 0, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.8806, 35.7586, 13.4925 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 0, 0) }
```

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

```
.background{ background-color: rgb(125, 0,  
0) }
```

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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