

Converting Colors

HunterLab(16.8088, 51.6726,
10.5100)

Have a look what the booklet for
HunterLab(16.8088, 51.6726,
10.5100) contains.

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Color

**HunterLab(20.7375, 35.5875,
12.8266)**

Conversions

Conversions Part 1

Format	Color
Hex	7C0007
RGB	124, 0, 7
RGB Percent	49%, 0%, 3%
CMY	0.5137, 0.9999, 0.9725
CMYK	0.00, 1.00, 0.94, 0.51
HSL	357°, 100%, 24%
HSV	357°, 100%, 49%
XYZ	8.3505, 4.3004, 0.5910
YIQ	37.8740, 71.6570, 28.4650

Conversions

Conversions Part 2

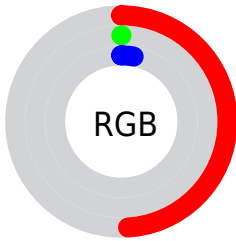
Format	Color
R_{YB}	124, 0, 7
Decimal	8126471
CIE Lab	24.64, 47.10, 34.03
CIE LCh	25, 58.107, 35.851
Yxy	4.3007, 0.6306, 0.3248
Android (android.graphics.Color)	4286316551 (0xFF7C0007)
YUV	37.8740, -15.2209, 75.5325
Hunter-Lab	20.7375, 35.5875, 12.8266

Details

The HunterLab color **20.7375, 35.5875, 12.8266** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **39.6232, -22.4016, -1.1656**, and the grayscale version is **13.9152, -0.7425, 0.7560**.

A 20% lighter version of the original color is **37.8612, 39.0442, 18.9259**, and **10.7622, 18.4306, 6.9543** is the 20% darker color. If you saturate the color by 10%, you get **20.7373, 35.5871, 12.8276**, and if you desaturate by 10%, it is **21.4573, 33.6896, 12.1459**.

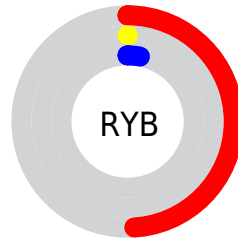
Distribution



Red (49%)

Green (0%)

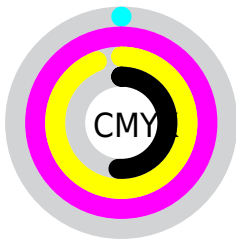
Blue (3%)



Red (49%)

Yellow (0%)

Blue (3%)

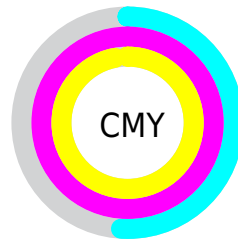


Cyan (0%)

Magenta (100%)

Yellow (94%)

Black (51%)



Cyan (51%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7375, 35.5875, 12.8266 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 20.7375, 35.5875, 12.8266 by changing the saturation by 10% instead.

■ 20.7375, 35.5875,
12.8266

■ 20.7375, 35.5875,
12.8266

■ 119.5186, 48.8708,
36.4606

■ 13.5763, 33.7478,
9.5034

■ 37.7981, 39.2677,
18.9706

■ 7.1684, 35.1581,
5.0179

■ 47.5231, 40.9617,
21.7873

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.9632, 42.5402,
24.4553

0.0000, NaN, NaN

■ 69.0725, 44.0061,
27.0075

0.0000, NaN, NaN

■ 80.8127, 45.3655,
29.4679

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 93.1518, 46.6250,


31.8548


0.0000, NaN, NaN

 106.0618, 47.7914,
34.1821


 20.7375, 35.5875,
12.8266


 20.7375, 35.5875,
12.8266


 20.7373, 35.5871,
12.8276

 21.4573, 33.6896,
12.1459

 22.5127, 31.1325,
11.1108

 24.0614, 27.6281,
9.8883

 26.0729, 23.5027,
8.5953

 28.4946, 19.0699,
7.3252

■ 31.2680, 14.5594,
6.1354

■ 34.3383, 10.1092,
5.0515

■ 37.6582, 5.7872,
4.0789

■ 41.1889, 1.6175,
3.2114

Harmonies

Analogous

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



20.7382, 46.4787, 4.2449



20.7375, 35.5875, 12.8266



20.7382, 15.2481, 14.5167

Triad

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



20.7382, 35.5848, 12.8270



20.7382, -24.3612, 10.6548



20.7382, 2.5833, -66.8511

Complementary

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



20.7375, 35.5875, 12.8266



39.6232, -22.4016, -1.1656

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.



20.7382, -13.5757, -58.0584



20.7375, 35.5875, 12.8266



20.7382, -25.7084, -2.5612

Square

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



20.7382, 35.5848, 12.8270



20.7382, -17.8875, 14.5167



20.7382, -22.5403, -29.3848



20.7382, 23.6393, -48.0778

Rectangle

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



20.7375, 35.5875, 12.8266



20.7382, 1.4871, 14.5167



20.7382, -22.5403, -29.3848



20.7382, -3.5807, -67.1384

Sweetspot

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



20.7382, 35.5848, 12.8270



45.2454, 13.8327, 6.8003



22.6944, 45.2733, -35.0409



21.2537, 7.7049, 3.5368



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.



20.7382, 35.5848, 12.8270



27.4965, 47.1608, 17.2083



26.2667, 19.4032, 16.5242



20.0459, 0.5969, 1.5136



20.9085, 35.8802, 12.9385



45.6200, 78.1966, 28.9294

Inverse Universe

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



20.7382, 35.5848, 12.8270



27.4965, 47.1608, 17.2083



24.2278, 0.6687, -31.7239



20.0459, 0.5969, 1.5136



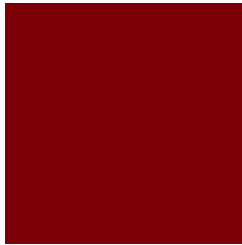
20.9085, 35.8802, 12.9385



45.6200, 78.1966, 28.9294

Previews

White Background



This preview shows how the HunterLab color 20.7375, 35.5875, 12.8266 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

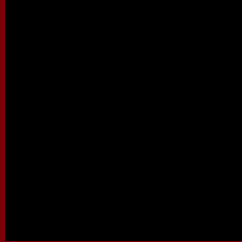
Any Text WCAG AA × Fail

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 20.7375, 35.5875, 12.8266 Background



This preview shows how black text looks on a background with the HunterLab color 20.7375, 35.5875, 12.8266.



This preview shows how white text looks on a background with the HunterLab color 20.7375, 35.5875,

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

20.7375, 35.5875, 12.8266

Protanopia

22.1377, -3.1624, 12.0531

Deuteranopia

21.8865, 0.7515, 13.4995

Trichromacy



Original Color

20.7375, 35.5875, 12.8266

Protanomaly

19.2949, 12.9937, 10.8403

Deuteranomaly

19.5594, 15.3152, 12.0594

Monochromacy



Original Color

20.7375, 35.5875, 12.8266

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

14.1337, 12.8854, 4.5849

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7375, 35.5875, 12.8266 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(124, 0, 7)` looks like.

```
.text, #text, p{  
    color:rgb(124, 0, 7)  
}
```

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(124, 0, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 0, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7375, 35.5875, 12.8266 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(124, 0, 7) }
```

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

```
.border{ border-color:rgb(124, 0, 7) }
```

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

Here you see how a box with a 4 pixel rgb(124, 0, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 0, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(124, 0, 7); box-shadow:4px  
4px 4px 4px rgb(124, 0, 7) }
```


Background

The CSS property to change the background color of an element to HunterLab 20.7375, 35.5875, 12.8266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 0, 7) }
```

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

```
.background{ background-color: rgb(124, 0,  
7) }
```

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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