

Converting Colors

HunterLab(21.3654, 36.6508,
13.2978)

Have a look what the booklet for
HunterLab(21.3654, 36.6508,
13.2978) contains.

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Color

**HunterLab(21.2725, 36.4915,
13.2666)**

Conversions

Conversions Part 1

Format	Color
Hex	7F0006
RGB	127, 0, 6
RGB Percent	50%, 0%, 2%
CMY	0.5020, 0.9999, 0.9765
CMYK	0.00, 1.00, 0.95, 0.50
HSL	357°, 100%, 25%
HSV	357°, 100%, 50%
XYZ	8.7853, 4.5252, 0.5827
YIQ	38.6570, 73.7660, 28.7900

Conversions

Conversions Part 2

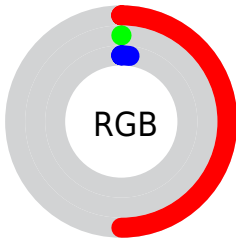
Format	Color
R_{YB}	127, 0, 6
Decimal	8323078
CIE Lab	25.34, 47.89, 35.35
CIE LCh	25, 59.524, 36.432
Yxy	4.5255, 0.6323, 0.3257
Android (android.graphics.Color)	4286513158 (0xFF7F0006)
YUV	38.6570, -16.0999, 77.4768
Hunter-Lab	21.2725, 36.4915, 13.2666

Details

The HunterLab color **21.2725, 36.4915, 13.2666** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **40.6935, -22.7801, -1.6862**, and the grayscale version is **14.1694, -0.7560, 0.7699**.

A 20% lighter version of the original color is **38.3409, 40.1652, 19.4854**, and **11.0858, 18.9847, 7.1634** is the 20% darker color. If you saturate the color by 10%, you get **21.2723, 36.4912, 13.2676**, and if you desaturate by 10%, it is **21.9923, 34.5832, 12.6024**.

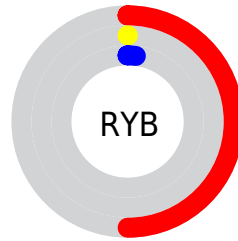
Distribution



Red (50%)

Green (0%)

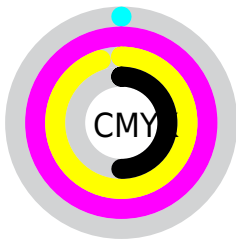
Blue (2%)



Red (50%)

Yellow (0%)

Blue (2%)

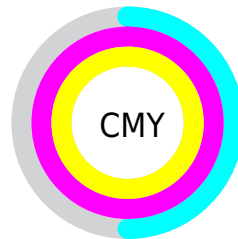


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (50%)



Cyan (50%)

Magenta (100%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.2725, 36.4915, 13.2666 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 21.2725, 36.4915, 13.2666 by changing the saturation by 10% instead.

21.2725, 36.4915,
13.2666

21.2725, 36.4915,
13.2666

120.4751, 49.9509,
37.5915

14.0415, 34.6343,
9.8291

38.4507, 40.2053,
19.5914

7.6871, 34.8555,
5.3810

48.2272, 41.9182,
22.4933

0.0000, INF, NaN

0.0000, NaN, NaN

58.7152, 43.5165,
25.2418

0.0000, NaN, NaN

69.8696, 45.0028,
27.8700

0.0000, NaN, NaN

81.6525, 46.3828,
30.4025


0.0000, NaN, NaN

0.0000, NaN, NaN

94.0322, 47.6633,


32.8579


0.0000, NaN, NaN


 106.9810, 48.8506,
35.2505

 21.2725, 36.4915,
13.2666


 21.2725, 36.4915,
13.2666


 21.2723, 36.4912,
13.2676

 21.9923, 34.5832,
12.6024

 23.0650, 31.9640,
11.5796

 24.6475, 28.3651,
10.3459

 26.7090, 24.1241,
9.0215

 29.1954, 19.5668,
7.7053

■ 32.0460, 14.9316,
6.4598

■ 35.2037, 10.3617,
5.3145

■ 38.6197, 5.9272,
4.2770

■ 42.2536, 1.6526,
3.3429

Harmonies

Analogous

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



21.2732, 48.0601, 4.6633



21.2725, 36.4915, 13.2666



21.2732, 15.3441, 14.8912

Triad

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



21.2732, 36.4887, 13.2670



21.2732, -25.1748, 10.8330



21.2732, 3.0696, -69.2613

Complementary

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



21.2725, 36.4915, 13.2666



40.6935, -22.7801, -1.6862

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.



21.2732, -13.7530, -60.6848



21.2725, 36.4915, 13.2666



21.2732, -26.4683, -3.0688

Square

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



21.2732, 36.4887, 13.2670



21.2732, -18.6376, 14.8912



21.2732, -23.1171, -31.0875



21.2732, 24.8887, -49.2948

Rectangle

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



21.2725, 36.4915, 13.2666



21.2732, 1.1618, 14.8912



21.2732, -23.1171, -31.0875



21.2732, -3.3406, -69.7643

Sweetspot

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



21.2732, 36.4887, 13.2670



46.7903, 14.3048, 7.2183



23.6059, 46.9131, -35.0634



21.8981, 7.9660, 3.7499



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



21.2732, 36.4887, 13.2670



28.4554, 48.7910, 17.9208



27.3020, 19.0620, 17.1561



20.8502, 0.6275, 1.5985



21.3628, 36.6461, 13.3262

0.0000, NaN, NaN

Inverse Universe

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



21.2732, 36.4887, 13.2670



28.4554, 48.7910, 17.9208



24.2792, 1.7124, -34.0411



20.8502, 0.6275, 1.5985



21.3628, 36.6461, 13.3262

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.2725, 36.4915, 13.2666 looks on a white background.

Color Contrast Check

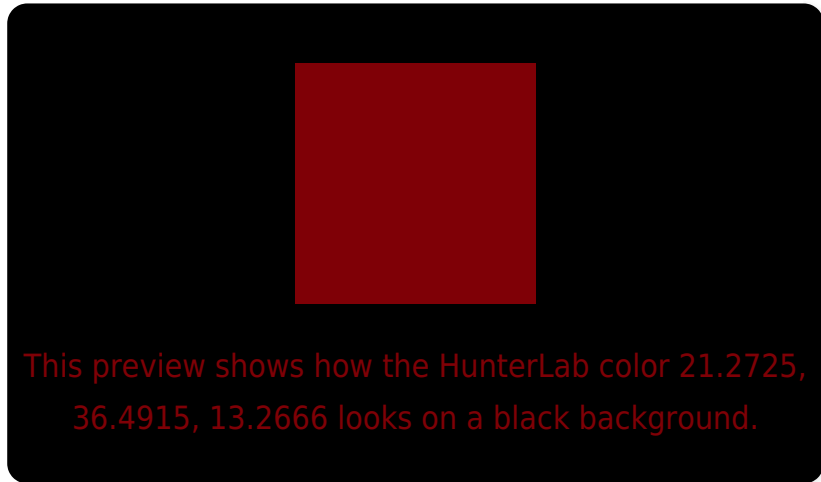
Large Text (above 18pt) WCAG AA ✓ Pass

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

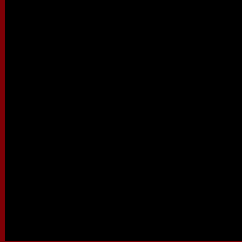
Any Text WCAG AA × Fail

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 21.2725, 36.4915, 13.2666 Background



This preview shows how black text looks on a background with the HunterLab color 21.2725, 36.4915, 13.2666.



This preview shows how white text looks on a background with the HunterLab color 21.2725, 36.4915,

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

21.2725, 36.4915, 13.2666

Protanopia

22.5570, -2.9544, 12.3436

Deuteranopia

22.5540, 0.5936, 13.9080



Tritanopia

21.6762, 34.0035, 13.9520

Trichromacy



Original Color

21.2725, 36.4915, 13.2666

Protanomaly

19.7304, 13.2924, 11.1420

Deuteranomaly

20.1298, 15.9689, 12.5143

Tritanomaly

21.4795, 34.7267, 13.6850

Monochromacy



Original Color

21.2725, 36.4915, 13.2666

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.5396, 13.1541, 4.9611

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.2725, 36.4915, 13.2666 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(127, 0, 6)` looks like.

```
.text, #text, p{  
    color:rgb(127, 0, 6)  
}
```

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(127, 0, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(127, 0, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 21.2725, 36.4915, 13.2666 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(127, 0, 6) }
```


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

```
.border{ border-color:rgb(127, 0, 6) }
```

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

Here you see how a box with a 4 pixel `rgb(127, 0, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(127, 0, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(127, 0, 6); box-shadow:4px  
4px 4px 4px rgb(127, 0, 6) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.2725, 36.4915, 13.2666 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(127, 0, 6) }
```

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

```
.background{ background-color: rgb(127, 0,  
6) }
```

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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