

Converting Colors

HunterLab(20.9385, 28.7206,
13.4050)

Have a look what the booklet for
HunterLab(20.9385, 28.7206,
13.4050) contains.

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Color

**HunterLab(20.8704, 28.6750,
13.3622)**

Conversions

Conversions Part 1

Format	Color
Hex	751600
RGB	117, 22, 0
RGB Percent	46%, 9%, 0%
CMY	0.5412, 0.9137, 1.0000
CMYK	0.00, 0.81, 1.00, 0.54
HSL	11°, 100%, 23%
HSV	11°, 100%, 46%
XYZ	7.6230, 4.3557, 0.4390
YIQ	47.8970, 63.6820, 13.2980

Conversions

Conversions Part 2

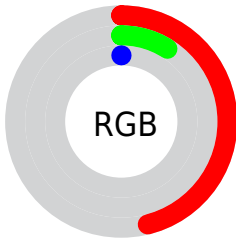
Format	Color
R_{YB}	117, 27, 0
Decimal	7673344
CIE Lab	24.82, 39.70, 36.50
CIE LCh	25, 53.932, 42.600
Yxy	4.3560, 0.6139, 0.3508
Android (android.graphics.Color)	4285863424 (0xFF751600)
YUV	47.8970, -23.6132, 60.6033
Hunter-Lab	20.8704, 28.6750, 13.3622

Details

The HunterLab color **20.8704, 28.6750, 13.3622** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **30.7692, -11.4830, -13.6703**, and the grayscale version is **17.2203, -0.9188, 0.9356**.

A 20% lighter version of the original color is **38.0362, 31.6764, 19.8002**, and **9.8013, 16.7851, 6.3334** is the 20% darker color. If you saturate the color by 10%, you get **20.8710, 28.6729, 13.3626**, and if you desaturate by 10%, it is **21.9417, 25.9023, 13.0596**.

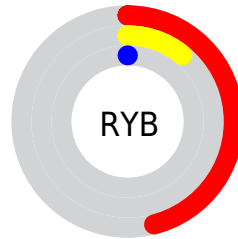
Distribution



Red (46%)

Green (9%)

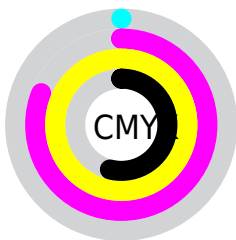
Blue (0%)



Red (46%)

Yellow (11%)

Blue (0%)

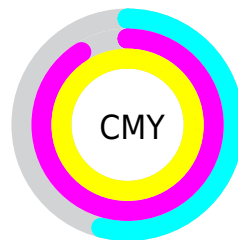


Cyan (0%)

Magenta (81%)

Yellow (100%)

Black (54%)



Cyan (54%)

Magenta (91%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8704, 28.6750, 13.3622 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 20.8704, 28.6750, 13.3622 by changing the saturation by 10% instead.

■ 20.8704, 28.6750,
13.3622

■ 20.8704, 28.6750,
13.3622

■ 119.7567, 39.6111,
38.3097

■ 13.6917, 26.9430,
9.5842

■ 37.9603, 31.8884,
19.7847

■ 7.3011, 27.5204,
5.1108

■ 47.6982, 33.3120,
22.7810

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.1503, 34.6151,
25.6156

0.0000, NaN, NaN

■ 69.2708, 35.8060,
28.3228

0.0000, NaN, NaN

■ 81.0217, 36.8933,
30.9284

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.3709, 37.8852,


33.4519


0.0000, NaN, NaN


 106.2906, 38.7889,
35.9085


 20.8704, 28.6750,
13.3622


 20.8704, 28.6750,
13.3622


 20.8710, 28.6729,
13.3626

 21.9417, 25.9023,
13.0596

 23.3060, 22.6916,
12.6421

 24.9570, 19.2890,
11.9198

 26.8659, 15.8465,
10.9434

 29.0018, 12.4681,
9.7682

■ 31.3354, 9.2145,
8.4435

■ 33.8406, 6.1141,
7.0082

■ 36.4947, 3.1742,
5.4914

■ 39.2788, 0.3898,
3.9142

Harmonies

Analogous

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



20.8710, 41.1224, 6.8269



20.8704, 28.6750, 13.3622



20.8710, 9.5438, 14.6097

Triad

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



20.8710, 28.6726, 13.3625



20.8710, -23.9858, 8.4390



20.8710, 6.4746, -57.3455

Complementary

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



20.8704, 28.6750, 13.3622



30.7692, -11.4830, -13.6703

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.



20.8710, -9.9877, -55.3130



20.8704, 28.6750, 13.3622



20.8710, -24.3358, -6.8142

Square

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



20.8710, 28.6726, 13.3625



20.8710, -18.8997, 13.9969



20.8710, -20.0836, -32.5905



20.8710, 25.8179, -36.9504

Rectangle

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



20.8704, 28.6750, 13.3622



20.8710, -2.5714, 14.6097



20.8710, -20.0836, -32.5905



20.8710, 0.3830, -59.5495

Sweetspot

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



20.8710, 28.6726, 13.3625



45.0171, 8.4960, 9.5316



21.4899, 40.6931, -16.2784



21.0473, 4.7204, 4.8789



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



20.8710, 28.6726, 13.3625



27.6409, 39.2662, 17.7196



30.8414, 5.0682, 19.0930



19.4991, 0.0640, 1.8536



21.8644, 30.2299, 14.0020



47.2641, 69.8843, 30.3474

Inverse Universe

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



30.7692, -11.4830, -13.6703



40.9521, -15.0670, -18.6612



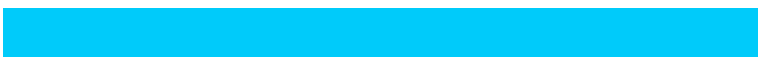
16.1575, 14.5227, -51.5456



20.1093, -2.1033, 0.2948



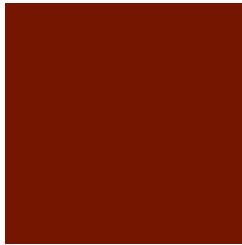
32.2651, -12.0101, -14.4022



70.3976, -25.3957, -33.1689

Previews

White Background



This preview shows how the HunterLab color 20.8704, 28.6750, 13.3622 looks on a white background.

Color Contrast Check

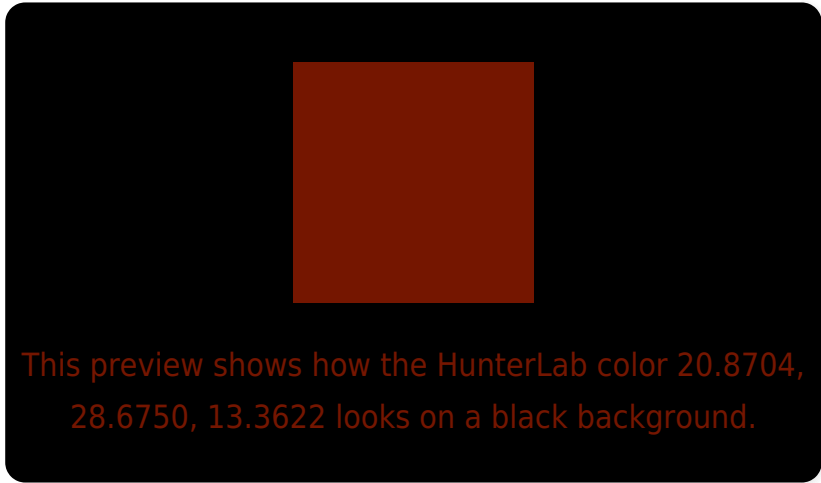
Large Text (above 18pt) WCAG AA ✓ Pass

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

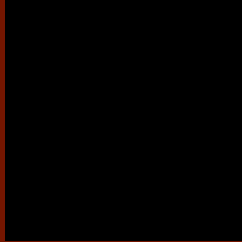
Any Text WCAG AA × Fail

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 20.8704, 28.6750, 13.3622 Background



This preview shows how black text looks on a background with the HunterLab color 20.8704, 28.6750, 13.3622.



This preview shows how white text looks on a background with the HunterLab color 20.8704, 28.6750,

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

20.8704, 28.6750, 13.3622

Protanopia

21.5277, -2.8298, 12.0715

Deuteranopia

21.4567, 0.4992, 13.2302



Tritanopia

20.9015, 29.4415, 11.5175

Trichromacy



Original Color

20.8704, 28.6750, 13.3622

Protanomaly

20.0778, 8.4586, 11.7568

Deuteranomaly

20.3767, 11.2246, 12.7525

Tritanomaly

20.8502, 29.2350, 12.2768

Monochromacy



Original Color

20.8704, 28.6750, 13.3622

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.2233, 8.4178, 6.2978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8704, 28.6750, 13.3622 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(117, 22, 0)` looks like.

```
.text, #text, p{  
    color:rgb(117, 22, 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(117, 22, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 22, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8704, 28.6750, 13.3622 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(117, 22, 0) }
```


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

```
.border{ border-color:rgb(117, 22, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 22, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 22, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 22, 0);  
box-shadow:4px 4px 4px 4px rgb(117, 22, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8704, 28.6750, 13.3622 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 22, 0) }
```

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

```
.background{ background-color: rgb(117, 22,  
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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