

Converting Colors

HunterLab(20.8008, 24.8869,
13.2530)

Have a look what the booklet for
HunterLab(20.8008, 24.8869,
13.2530) contains.

HunterLab(20.7930, 24.7474, 13.2458)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(20.7930, 24.7474,
13.2458)**

Conversions

Conversions Part 1

Format	Color
Hex	701D00
RGB	112, 29, 0
RGB Percent	44%, 11%, 0%
CMY	0.5608, 0.8863, 1.0000
CMYK	0.00, 0.74, 1.00, 0.56
HSL	16°, 100%, 22%
HSV	16°, 100%, 44%
XYZ	7.1215, 4.3235, 0.4592
YIQ	50.5110, 58.7770, 8.5770

Conversions

Conversions Part 2

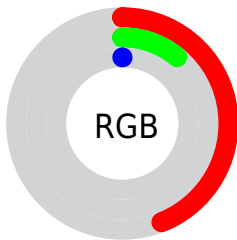
Format	Color
RYB	112, 39, 0
Decimal	7347456
CIELab	24.71, 35.30, 36.04
CIELCh	25, 50.447, 45.598
Yxy	4.3237, 0.5982, 0.3632
Android (android.graphics.Color)	4285537536 (0xFF701D00)
YUV	50.5110, -24.9019, 53.9259
Hunter-Lab	20.7930, 24.7474, 13.2458

Details

The HunterLab color **20.7930, 24.7474, 13.2458** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **27.1210, -7.8573, -16.9372**, and the grayscale version is **18.0986, -0.9657, 0.9833**.

A 20% lighter version of the original color is **37.8725, 27.4525, 19.6073**, and **9.1693, 15.7026, 5.9250** is the 20% darker color. If you saturate the color by 10%, you get **20.7936, 24.7454, 13.2461**, and if you desaturate by 10%, it is **21.9353, 21.9511, 13.0284**.

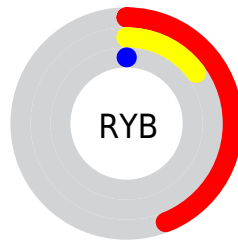
Distribution



Red (44%)

Green (11%)

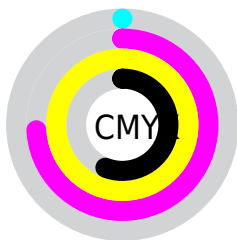
Blue (0%)



Red (44%)

Yellow (15%)

Blue (0%)

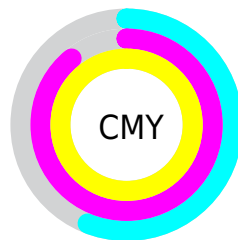


Cyan (0%)

Magenta (74%)

Yellow (100%)

Black (56%)



Cyan (56%)

Magenta (89%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7930, 24.7474, 13.2458 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 20.7930, 24.7474, 13.2458 by changing the saturation by 10% instead.

■ 20.7930, 24.7474,
13.2458

■ 20.7930, 24.7474,
13.2458

■ 119.6180, 34.1929,
37.9507

■ 13.6245, 23.1291,
9.5371

■ 37.8658, 27.6364,
19.6149

■ 7.2241, 23.6868,
5.0569

■ 47.5962, 28.8863,
22.5789

0.0000, INF, NaN

0.0000, NaN, NaN

■ 58.0413, 30.0161,
25.3832

0.0000, NaN, NaN

■ 69.1553, 31.0359,
28.0621

0.0000, NaN, NaN

■ 80.9000, 31.9556,
30.6411


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 93.2432, 32.7835,


33.1395


0.0000, NaN, NaN


 106.1573, 33.5271,
35.5721


 20.7930, 24.7474,
13.2458


 20.7930, 24.7474,
13.2458


 20.7936, 24.7454,
13.2461

 21.9353, 21.9511,
13.0284

 23.2969, 18.9354,
12.7032

 24.8744, 15.8859,
12.0699

 26.6460, 12.8936,
11.1655

 28.5898, 10.0154,
10.0332

■ 30.6853, 7.2812,
8.7143

■ 32.9142, 4.7021,
7.2443

■ 35.2605, 2.2768,
5.6520

■ 37.7106, -0.0027,
3.9603

Harmonies

Analogous

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



20.7936, 37.0548, 7.5067



20.7930, 24.7474, 13.2458



20.7936, 7.0106, 14.5555

Triad

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



20.7936, 24.7453, 13.2461



20.7936, -23.1349, 7.1203



20.7936, 7.7182, -50.4906

Complementary

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



20.7930, 24.7474, 13.2458



27.1210, -7.8573, -16.9372

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.



20.7936, -8.1497, -50.9390



20.7930, 24.7474, 13.2458



20.7936, -23.0492, -8.2504

Square

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



20.7936, 24.7453, 13.2461



20.7936, -18.6881, 13.0978



20.7936, -18.4032, -31.9782



20.7936, 25.3950, -31.0073

Rectangle

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



20.7930, 24.7474, 13.2458



20.7936, -3.9957, 14.5555



20.7936, -18.4032, -31.9782



20.7936, 1.9409, -53.1836

Sweetspot

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



20.7936, 24.7453, 13.2461



43.3872, 6.4937, 9.7614



20.2110, 37.7787, -11.4899



20.7867, 3.7212, 5.1037



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



20.7936, 24.7453, 13.2461



27.2306, 33.7647, 17.3705



31.2816, 1.4772, 19.3014



18.7858, -0.1101, 1.8740



22.2808, 26.8296, 14.1990



48.4884, 63.5678, 30.9912

Inverse Universe

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



27.1210, -7.8573, -16.9372



35.6632, -10.0086, -22.9704



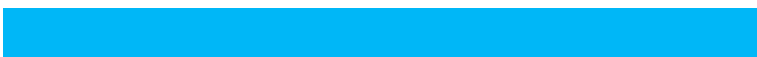
14.1435, 17.4005, -55.2407



19.1732, -1.8489, 0.1727



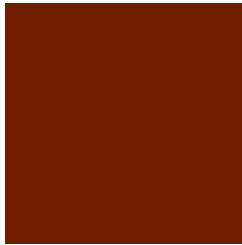
29.0961, -8.3561, -18.3292



63.8157, -17.0334, -42.9938

Previews

White Background



This preview shows how the HunterLab color 20.7930, 24.7474, 13.2458 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

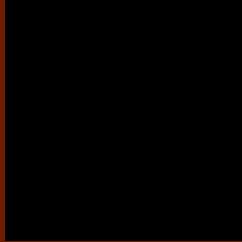
Any Text WCAG AA × Fail

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 20.7930, 24.7474, 13.2458 Background



This preview shows how black text looks on a background with the HunterLab color 20.7930, 24.7474, 13.2458.



This preview shows how white text looks on a background with the HunterLab color 20.7930, 24.7474,

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

20.7930, 24.7474, 13.2458

Protanopia

21.4371, -3.1649, 12.1009

Deuteranopia

21.1252, 0.5777, 13.0274



Tritanopia

20.7664, 26.2659, 10.1194

Trichromacy



Original Color

20.7930, 24.7474, 13.2458

Protanomaly

20.2459, 6.8743, 11.9230

Deuteranomaly

20.3884, 9.2887, 12.7259

Tritanomaly

20.7820, 25.5294, 11.6201

Monochromacy



Original Color

20.7930, 24.7474, 13.2458

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.0236, 6.8081, 6.7301

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7930, 24.7474, 13.2458 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(112, 29, 0)` looks like.

```
.text, #text, p{  
    color:rgb(112, 29, 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(112, 29, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 29, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7930, 24.7474, 13.2458 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(112, 29, 0) }
```


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

```
.border{ border-color:rgb(112, 29, 0) }
```

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

Here you see how a box with a 4 pixel rgb(112, 29, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 29, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 29, 0);  
box-shadow:4px 4px 4px 4px rgb(112, 29, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7930, 24.7474, 13.2458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 29, 0) }
```

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

```
.background{ background-color: rgb(112, 29,  
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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor