

Converting Colors

HunterLab(20.3443, 33.1570,
12.8009)

Have a look what the booklet for
HunterLab(20.3443, 33.1570,
12.8009) contains.

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Color

**HunterLab(20.3275, 33.2079,
12.7721)**

Conversions

Conversions Part 1

Format	Color
Hex	780604
RGB	120, 6, 4
RGB Percent	47%, 2%, 2%
CMY	0.5294, 0.9764, 0.9843
CMYK	0.00, 0.95, 0.97, 0.53
HSL	1°, 94%, 24%
HSV	1°, 97%, 47%
XYZ	7.8328, 4.1321, 0.4996
YIQ	39.8580, 68.5860, 23.5460

Conversions

Conversions Part 2

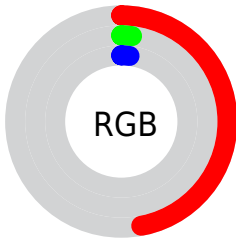
Format	Color
R_{YB}	120, 6, 4
Decimal	7865860
CIE Lab	24.10, 44.72, 34.41
CIE LCh	24, 56.430, 37.577
Yxy	4.1323, 0.6284, 0.3315
Android (android.graphics.Color)	4286055940 (0xFF780604)
YUV	39.8580, -17.6780, 70.2845
Hunter-Lab	20.3275, 33.2079, 12.7721

Details

The HunterLab color **20.3275, 33.2079, 12.7721** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **37.8621, -19.5054, -4.8365**, and the grayscale version is **14.5628, -0.7770, 0.7912**.

A 20% lighter version of the original color is **37.3355, 36.8990, 19.0375**, and **10.1199, 17.3307, 6.5393** is the 20% darker color. If you saturate the color by 10%, you get **20.0954, 33.8357, 12.9750**, and if you desaturate by 10%, it is **21.1110, 31.1406, 12.1770**.

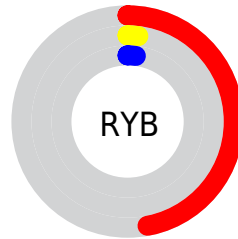
Distribution



Red (47%)

Green (2%)

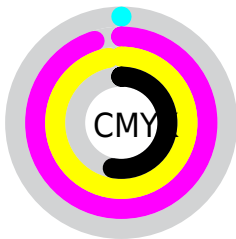
Blue (2%)



Red (47%)

Yellow (2%)

Blue (2%)

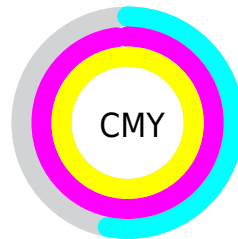


Cyan (0%)

Magenta (95%)

Yellow (97%)

Black (53%)



Cyan (53%)

Magenta (98%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.3275, 33.2079, 12.7721 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 20.3275, 33.2079, 12.7721 by changing the saturation by 10% instead.

■ 20.3275, 33.2079,
12.7721

■ 20.3275, 33.2079,
12.7721

■ 118.7818, 45.8169,
36.6196

■ 13.2207, 31.3977,
9.2545

■ 37.2967, 36.7608,
18.9332

■ 6.7406, 33.8645,
4.7184

■ 46.9817, 38.3787,
21.7873

0.0000, INF, NaN

0.0000, NaN, NaN

■ 57.3847, 39.8784,
24.4884

0.0000, NaN, NaN

■ 68.4590, 41.2648,
27.0703

0.0000, NaN, NaN

■ 80.1662, 42.5447,
29.5578


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 92.4738, 43.7254,


31.9695


0.0000, NaN, NaN


 105.3538, 44.8141,
34.3197


 20.3275, 33.2079,
12.7721


 20.3275, 33.2079,
12.7721


 20.0954, 33.8357,
12.9750

 21.1110, 31.1406,
12.1770

 22.3274, 28.1572,
11.3337

 23.9981, 24.4632,
10.2562

 26.0837, 20.3699,
9.0447

 28.5316, 16.1337,
7.7841

■ 31.2882, 11.9231,
6.5318

■ 34.3052, 7.8299,
5.3194

■ 37.5421, 3.8923,
4.1608

■ 40.9655, 0.1177,
3.0589

Harmonies

Analogous

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



20.3281, 44.3977, 4.9035



20.3275, 33.2079, 12.7721



20.3281, 13.4685, 14.2297

Triad

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



20.3281, 33.2053, 12.7724



20.3281, -23.8338, 9.9429



20.3281, 3.5623, -63.4562

Complementary

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



20.3275, 33.2079, 12.7721



37.8621, -19.5054, -4.8365

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.



20.3281, -12.4316, -56.6347



20.3275, 33.2079, 12.7721



20.3281, -24.9010, -3.6023

Square

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



20.3281, 33.2053, 12.7724



20.3281, -17.8547, 14.2297



20.3281, -21.5259, -29.8562



20.3281, 23.8840, -44.3784

Rectangle

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



20.3275, 33.2079, 12.7721



20.3281, 0.3620, 14.2297



20.3281, -21.5259, -29.8562



20.3281, -2.4941, -64.2832

Sweetspot

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



20.3281, 33.2053, 12.7724



44.2451, 12.0158, 7.5370



23.2152, 44.4364, -28.7429



20.8580, 6.7713, 3.9422



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



20.3281, 33.2053, 12.7724



26.6115, 45.0069, 17.1858



27.6786, 13.4551, 17.0449



20.0628, 0.5082, 1.6603



20.9840, 35.3591, 13.5493



45.6888, 77.7084, 29.5137

Inverse Universe

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



37.8621, -19.5054, -4.8365



50.1182, -25.9871, -6.5448



21.4954, 4.3979, -35.6896



21.2157, -2.6202, 0.6102



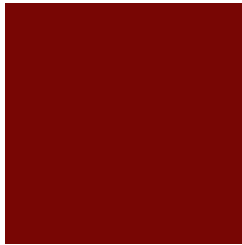
39.4855, -20.4832, -5.1361



86.1587, -44.6410, -11.3239

Previews

White Background



This preview shows how the HunterLab color 20.3275, 33.2079, 12.7721 looks on a white background.

Color Contrast Check

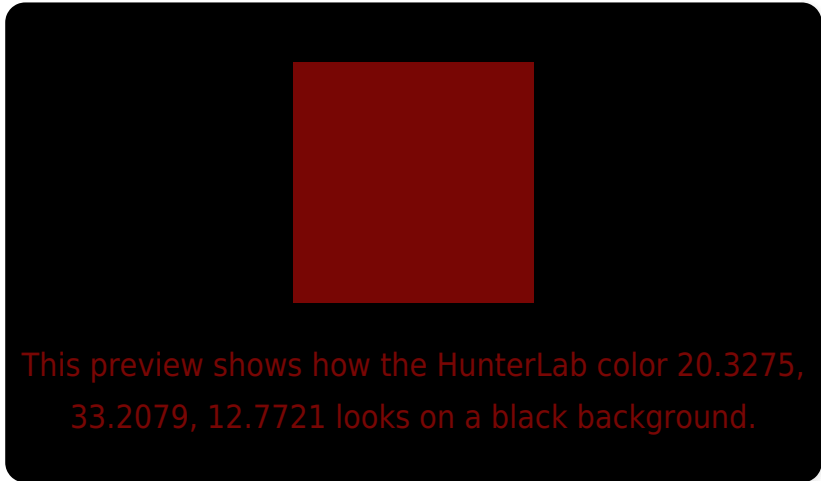
Large Text (above 18pt) WCAG AA ✓ Pass

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

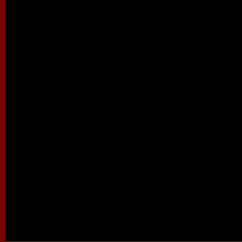
Any Text WCAG AA × Fail

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 20.3275, 33.2079, 12.7721 Background



This preview shows how black text looks on a background with the HunterLab color 20.3275, 33.2079, 12.7721.



This preview shows how white text looks on a background with the HunterLab color 20.3275, 33.2079,

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

20.3275, 33.2079, 12.7721

Protanopia

21.4566, -3.0565, 11.8133

Deuteranopia

21.3603, 0.1705, 13.1651



Tritanopia

20.3992, 31.9189, 13.1287

Trichromacy



Original Color

20.3275, 33.2079, 12.7721

Protanomaly

19.0753, 11.4394, 10.8732

Deuteranomaly

19.3094, 13.7664, 12.0512

Tritanomaly

20.2966, 32.2954, 12.9881

Monochromacy



Original Color

20.3275, 33.2079, 12.7721

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.7474, 11.3186, 5.1166

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.3275, 33.2079, 12.7721 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(120, 6, 4)` looks like.

```
.text, #text, p{  
    color:rgb(120, 6, 4)  
}
```

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(120, 6, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 6, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 20.3275, 33.2079, 12.7721 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(120, 6, 4) }
```


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

```
.border{ border-color:rgb(120, 6, 4) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 6, 4)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 6, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(120, 6, 4); box-shadow:4px  
4px 4px 4px rgb(120, 6, 4) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.3275, 33.2079, 12.7721 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 6, 4) }
```

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

```
.background{ background-color: rgb(120, 6,  
4) }
```

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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