

Converting Colors

HunterLab(19.9982, 34.3321,
12.2664)

Have a look what the booklet for
HunterLab(19.9982, 34.3321,
12.2664) contains.

HunterLab(20.0265, 34.3835, 12.2620)	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(20.0265, 34.3835,
12.2620)**

Conversions

Conversions Part 1

Format	Color
Hex	780008
RGB	120, 0, 8
RGB Percent	47%, 0%, 3%
CMY	0.5294, 0.9999, 0.9686
CMYK	0.00, 1.00, 0.93, 0.53
HSL	356°, 100%, 24%
HSV	356°, 100%, 47%
XYZ	7.7896, 4.0106, 0.5933
YIQ	36.7920, 68.9520, 27.9280

Conversions

Conversions Part 2

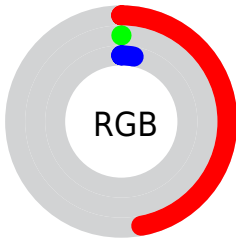
Format	Color
RYB	120, 0, 8
Decimal	7864328
CIELab	23.71, 46.03, 32.39
CIELCh	24, 56.285, 35.129
Yxy	4.0109, 0.6285, 0.3236
Android (android.graphics.Color)	4286054408 (0xFF780008)
YUV	36.7920, -14.1945, 72.9734
Hunter-Lab	20.0265, 34.3835, 12.2620

Details

The HunterLab color **20.0265, 34.3835, 12.2620** is a dark color, and the websafe version is hex **660000**. A complement of this color would be **38.2139, -21.8364, -0.6243**, and the grayscale version is **13.5657, -0.7238, 0.7371**.

A 20% lighter version of the original color is **36.9026, 38.3318, 18.1905**, and **10.2799, 17.6046, 6.6426** is the 20% darker color. If you saturate the color by 10%, you get **20.0263, 34.3831, 12.2629**, and if you desaturate by 10%, it is **20.7461, 32.4970, 11.5659**.

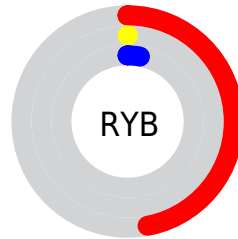
Distribution



Red (47%)

Green (0%)

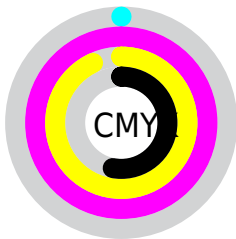
Blue (3%)



Red (47%)

Yellow (0%)

Blue (3%)

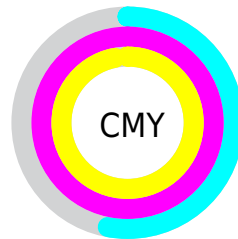


Cyan (0%)

Magenta (100%)

Yellow (93%)

Black (53%)



Cyan (53%)

Magenta (100%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0265, 34.3835, 12.2620 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 20.0265, 34.3835, 12.2620 by changing the saturation by 10% instead.

■ 20.0265, 34.3835,
12.2620

■ 20.0265, 34.3835,
12.2620

■ 118.2387, 47.4270,
35.0288

■ 12.9601, 32.5678,
9.0721

■ 36.9279, 38.0180,
18.1741

■ 6.4064, 36.3930,
4.4845

■ 46.5833, 39.6863,
20.8846

0.0000, INF, NaN

0.0000, NaN, NaN

■ 56.9587, 41.2378,
23.4523

0.0000, NaN, NaN

■ 68.0072, 42.6759,
25.9097

0.0000, NaN, NaN

■ 79.6900, 44.0070,
28.2804

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.9743, 45.2381,

30.5821

0.0000, NaN, NaN

■ 104.8321, 46.3760,
32.8280

■ 20.0265, 34.3835,
12.2620

■ 20.0265, 34.3835,
12.2620

■ 20.0263, 34.3831,
12.2629

■ 20.7461, 32.4970,
11.5659

■ 21.7777, 30.0190,
10.5268

■ 23.2808, 26.6372,
9.3274

■ 25.2256, 22.6634,
8.0792

■ 27.5615, 18.3955,
6.8690

■ 30.2330, 14.0513,
5.7479

■ 33.1877, 9.7619,
4.7377

■ 36.3809, 5.5924,
3.8410

■ 39.7756, 1.5662,
3.0502

Harmonies

Analogous

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



20.0271, 44.4473, 3.7366



20.0265, 34.3835, 12.2620



20.0271, 15.0683, 14.0190

Triad

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



20.0271, 34.3809, 12.2624



20.0271, -23.3109, 10.3986



20.0271, 2.0163, -63.7760

Complementary

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



20.0265, 34.3835, 12.2620



38.2139, -21.8364, -0.6243

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.



20.0271, -13.3079, -54.7854



20.0265, 34.3835, 12.2620



20.0271, -24.7153, -1.9755

Square

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



20.0271, 34.3809, 12.2624



20.0271, -16.9389, 14.0190



20.0271, -21.7728, -27.3086



20.0271, 22.0998, -46.4561

Rectangle

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



20.0265, 34.3835, 12.2620



20.0271, 1.8568, 14.0190



20.0271, -21.7728, -27.3086



20.0271, -3.8372, -63.8175

Sweetspot

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



20.0271, 34.3809, 12.2624



43.7099, 13.3661, 6.3780



21.9115, 43.7092, -33.8144



20.6129, 7.4468, 3.3211



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.



20.0271, 34.3809, 12.2624



26.5439, 45.5428, 16.4893



25.3963, 18.6315, 15.9743



20.0474, 0.6051, 1.4920



20.9152, 35.9050, 12.8393



45.6283, 78.2272, 28.8067

Inverse Universe

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



20.0271, 34.3809, 12.2624



26.5439, 45.5428, 16.4893



23.4330, 0.5665, -30.5101



20.0474, 0.6051, 1.4920



20.9152, 35.9050, 12.8393



45.6283, 78.2272, 28.8067

Previews

White Background



This preview shows how the HunterLab color 20.0265, 34.3835, 12.2620 looks on a white background.

Color Contrast Check

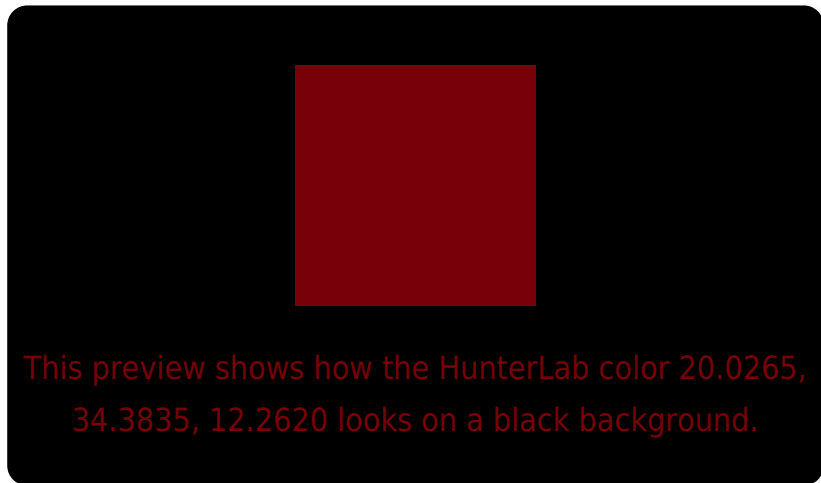
Large Text (above 18pt) WCAG AA ✓ Pass

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

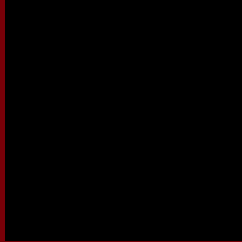
Any Text WCAG AA × Fail

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 20.0265, 34.3835, 12.2620 Background



This preview shows how black text looks on a background with the HunterLab color 20.0265, 34.3835, 12.2620.



This preview shows how white text looks on a background with the HunterLab color 20.0265, 34.3835,

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

20.0265, 34.3835, 12.2620

Protanopia

21.4789, -2.9320, 11.4832

Deuteranopia

21.3603, 0.1705, 13.1651



Tritanopia

20.3992, 31.9189, 13.1287

Trichromacy



Original Color

20.0265, 34.3835, 12.2620

Protanomaly

18.7397, 12.3763, 10.3341

Deuteranomaly

18.9869, 14.6405, 11.6869

Tritanomaly

20.2002, 32.6926, 12.7667

Monochromacy



Original Color

20.0265, 34.3835, 12.2620

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.8605, 12.1617, 4.5733

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0265, 34.3835, 12.2620 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, 0, 8)` looks like.

```
.text, #text, p{  
    color:rgb(120, 0, 8)  
}
```

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, 0, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 0, 8) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0265, 34.3835, 12.2620 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, 0, 8) }
```


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

```
.border{ border-color:rgb(120, 0, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 0, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 0, 8); -webkit-box-shadow:4px  
4px 4px 4px rgb(120, 0, 8); box-shadow:4px  
4px 4px 4px rgb(120, 0, 8) }
```

Background

The CSS property to change the background color of an element to HunterLab 20.0265, 34.3835, 12.2620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 0, 8) }
```

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

```
.background{ background-color: rgb(120, 0,  
8) }
```

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