

Converting Colors

HunterLab(20.7864, 38.8486,
-11.7719)

Have a look what the booklet for
HunterLab(20.7864, 38.8486,
-11.7719) contains.

HunterLab(20.7767, 38.8145, -11.6420)	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(20.7767, 38.8145,
-11.6420)**

Conversions

Conversions Part 1

Format	Color
Hex	730056
RGB	115, 0, 86
RGB Percent	45%, 0%, 34%
CMY	0.5490, 1.0000, 0.6627
CMYK	0.00, 1.00, 0.25, 0.55
HSL	315°, 100%, 23%
HSV	315°, 100%, 45%
XYZ	8.7499, 4.3167, 9.1761
YIQ	44.1890, 40.9340, 51.1260

Conversions

Conversions Part 2

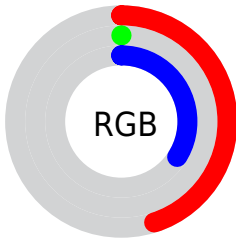
Format	Color
RYB	115, 0, 86
Decimal	7536726
CIELab	24.69, 50.37, -17.53
CIElCh	25, 53.330, 340.814
Yxy	4.3169, 0.3934, 0.1941
Android (android.graphics.Color)	4285726806 (0xFF730056)
YUV	44.1890, 20.6128, 62.1012
Hunter-Lab	20.7767, 38.8145, -11.6420

Details

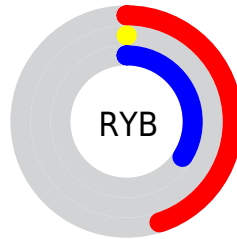
The HunterLab color **20.7767, 38.8145, -11.6420** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **35.1430, -29.2330, 19.1810**, and the grayscale version is **15.8591, -0.8462, 0.8617**.

A 20% lighter version of the original color is **37.7095, 42.7369, -12.6379**, and **10.8822, 20.1073, -4.3720** is the 20% darker color. If you saturate the color by 10%, you get **20.7767, 38.8142, -11.6407**, and if you desaturate by 10%, it is **21.4841, 37.1363, -12.1336**.

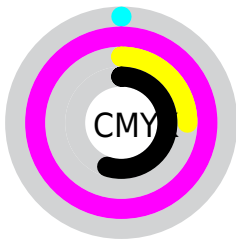
Distribution



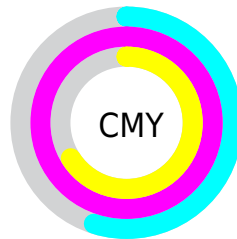
- Red (45%)
- Green (0%)
- Blue (34%)



- Red (45%)
- Yellow (0%)
- Blue (34%)



- Cyan (0%)
- Magenta (100%)
- Yellow (25%)
- Black (55%)














- Cyan (55%)
- Magenta (100%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.7767, 38.8145, -11.6420 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 20.7767, 38.8145, -11.6420 by changing the saturation by 10% instead.

 20.7767, 38.8145, -11.6420	 20.7767, 38.8145, -11.6420
 119.5887, 53.0458, -12.9423	 13.6103, 36.9617, -11.1996
 37.8458, 42.6640, -12.3869	 7.2077, 38.5729, -11.8151
 47.5746, 44.4652, -12.6557	0.0000, INF, -NF
 58.0182, 46.1556, -12.8550	0.0000, NaN, NaN
 69.1308, 47.7350, -12.9883	0.0000, NaN, NaN
 80.8742, 49.2078, -13.0600	0.0000, NaN, NaN
 93.2163, 50.5798,	0.0000, NaN, NaN

-13.0738

0.0000, NaN, NaN

106.1291, 51.8571,
-13.0335

20.7767, 38.8145,
-11.6420

20.7767, 38.8145,
-11.6420

20.7767, 38.8142,
-11.6407

21.4841, 37.1363,
-12.1336

22.4215, 34.7997,
-12.2285

23.7467, 31.4238,
-11.6708

25.4439, 27.2651,
-10.5411

27.4802, 22.6032,
-8.9592

■ 29.8155, 17.6732,
-7.0462

■ 32.4099, 12.6431,
-4.9035

■ 35.2269, 7.6182,
-2.6071

■ 38.2351, 2.6570,
-0.2101

Harmonies

Analogous

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



20.7773, 24.3588, -37.8893



20.7767, 38.8145, -11.6420



20.7773, 40.8437, 6.0901

Triad

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



20.7773, 38.8127, -11.6411



20.7773, -6.8047, 14.5441



20.7773, -20.2744, -30.4375

Complementary

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



20.7767, 38.8145, -11.6420



35.1430, -29.2330, 19.1810

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.



20.7773, -24.1991, -5.4649



20.7767, 38.8145, -11.6420



20.7773, -18.2256, 14.1028

Square

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



20.7773, 38.8127, -11.6411



20.7773, 10.5482, 14.5441



20.7773, -23.5916, 8.8810



20.7773, -10.6559, -53.4579

Rectangle

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



20.7767, 38.8145, -11.6420



20.7773, 34.3433, 11.4901



20.7773, -23.5916, 8.8810



20.7773, -22.1410, -21.4295

Sweetspot

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



20.7773, 38.8127, -11.6411



43.0817, 17.4562, -6.7989



12.2299, 31.0605, -70.5525



20.4620, 9.6277, -3.7996



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.



20.7773, 38.8127, -11.6411



27.7633, 51.7998, -15.0391



19.3199, 33.5360, 8.9728



19.3466, 1.1030, 0.0092



22.2067, 41.4723, -12.3379



48.8754, 91.0305, -25.2370

Inverse Universe

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



20.7773, 38.8127, -11.6411



27.7633, 51.7998, -15.0391



35.9688, -24.1336, 7.1407



19.3466, 1.1030, 0.0092



22.2067, 41.4723, -12.3379



48.8754, 91.0305, -25.2370

Previews

White Background



This preview shows how the HunterLab color 20.7767, 38.8145, -11.6420 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



This preview shows how the HunterLab color 20.7767, 38.8145, -11.6420 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

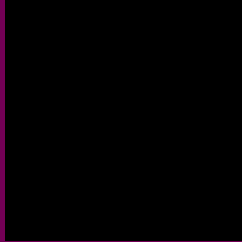
Any Text WCAG AA × Fail

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 20.7767, 38.8145, -11.6420 Background



This preview shows how black text looks on a background with the HunterLab color 20.7767, 38.8145, -11.6420.



This preview shows how white text looks on a background with the HunterLab color 20.7767, 38.8145, -11.6420.

-11.6420.

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

20.7767, 38.8145, -11.6420

Protanopia

21.9796, 6.2458, -36.0141

Deuteranopia

22.0147, 1.3694, -6.8505



Tritanopia

21.5660, 23.8894, 9.1185

Trichromacy



Original Color

20.7767, 38.8145, -11.6420

Protanomaly

18.3309, 17.9801, -35.1856

Deuteranomaly

19.2938, 16.8700, -12.3467

Tritanomaly

20.7000, 29.6117, 3.2773

Monochromacy



Original Color

20.7767, 38.8145, -11.6420

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

15.6473, 15.1734, -5.7709

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.7767, 38.8145, -11.6420 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(115, 0, 86)` looks like.

```
.text, #text, p{  
    color:rgb(115, 0, 86)  
}
```

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(115, 0, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 0, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 20.7767, 38.8145, -11.6420 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(115, 0, 86) }
```


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

```
.border{ border-color:rgb(115, 0, 86) }
```

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

Here you see how a box with a 4 pixel rgb(115, 0, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 0, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 0, 86);  
box-shadow:4px 4px 4px 4px rgb(115, 0, 86)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.7767, 38.8145, -11.6420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 0, 86) }
```

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

```
.background{ background-color: rgb(115, 0,  
86) }
```

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