

Converting Colors

HunterLab(20.8586, -8.7120,
6.0537)

Have a look what the booklet for
HunterLab(20.8586, -8.7120, 6.0537)
contains.

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Color

**HunterLab(20.8348, -8.6779,
5.9054)**

Conversions

Conversions Part 1

Format	Color
Hex	2A402C
RGB	42, 64, 44
RGB Percent	16%, 25%, 17%
CMY	0.8353, 0.7490, 0.8274
CMYK	0.34, 0.00, 0.31, 0.75
HSL	125°, 21%, 21%
HSV	125°, 34%, 25%
XYZ	3.2429, 4.3409, 3.0498
YIQ	55.1420, -6.6920, -10.8840

Conversions

Conversions Part 2

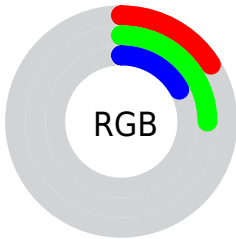
Format	Color
RYB	42, 62, 64
Decimal	2768940
CIELab	24.77, -13.56, 9.55
CIElCh	25, 16.582, 144.833
Yxy	4.3411, 0.3050, 0.4082
Android (android.graphics.Color)	4280959020 (0xFF2A402C)
YUV	55.1420, -5.4930, -11.5255
Hunter-Lab	20.8348, -8.6779, 5.9054

Details

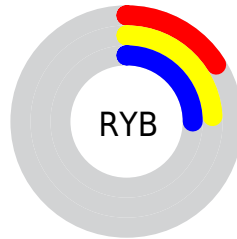
The HunterLab color **20.8348, -8.6779, 5.9054** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **17.5893, 7.9036, -4.3861**, and the grayscale version is **19.6143, -1.0466, 1.0657**.

A 20% lighter version of the original color is **37.9490, -11.5462, 8.0693**, and **7.5751, -6.4956, 4.5540** is the 20% darker color. If you saturate the color by 10%, you get **20.4353, -10.4308, 7.0444**, and if you desaturate by 10%, it is **21.2929, -6.7211, 4.6573**.

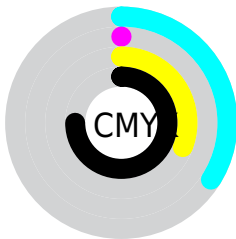
Distribution



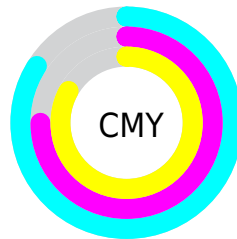
- Red (16%)
- Green (25%)
- Blue (17%)



- Red (16%)
- Yellow (24%)
- Blue (25%)



- Cyan (34%)
- Magenta (0%)
- Yellow (31%)
- Black (75%)



- Cyan (84%)
- Magenta (75%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.8348, -8.6779, 5.9054 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 20.8348, -8.6779, 5.9054 by changing the saturation by 10% instead.

■ 20.8348, -8.6779,
5.9054

■ 20.8348, -8.6779,
5.9054

■ 119.6926,
-20.6940, 15.9245

■ 13.6606, -7.1345,
4.7006

■ 37.9166, -11.5044,
8.1661

■ 7.2656, -8.5177,
5.0859

■ 47.6510, -12.8509,
9.2667

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.0999, -14.1746,
10.3625

0.0000, NaN, NaN

■ 69.2174, -15.4849,
11.4595

0.0000, NaN, NaN

■ 80.9654, -16.7880,
12.5618

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.3119, -18.0885,

106.2290,
-19.3896, 14.7926

20.8348, -8.6779,
5.9054

20.8348, -8.6779,
5.9054

20.4353, -10.4308,
7.0444

21.2929, -6.7211,
4.6573

20.0932, -11.9632,
8.0628

21.8073, -4.5773,
3.3112

19.8086, -13.2645,
8.9520

22.3770, -2.2666,
1.8801

19.5801, -14.3285,
9.7059

23.0004, 0.1908,
0.3761

19.4055, -15.1558,
10.3218

23.6752, 2.7751,
-1.1886

■ 19.2617, -15.8377,
10.7881

■ 24.3991, 5.4674,
-2.8033

■ 19.1826, -16.2118,
11.0200

■ 25.1699, 8.2505,
-4.4580

■ 25.9850, 11.1090,
-6.1440

■ 26.8420, 14.0292,
-7.8538

Harmonies

Analogous

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



20.8352, -5.1510, 8.0556



20.8348, -8.6779, 5.9054



20.8352, -10.1716, 1.9734

Triad

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



20.8352, -8.6783, 5.9056



20.8352, -2.0065, -10.7482



20.8352, 8.7686, 4.7489

Complementary

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



20.8348, -8.6779, 5.9054



17.5893, 7.9036, -4.3861

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.



20.8352, 9.8192, 0.2584



20.8348, -8.6779, 5.9054



20.8352, 3.2584, -9.4864

Square

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



20.8352, -8.6783, 5.9056



20.8352, -6.5688, -8.2446



20.8352, 7.7146, -5.1273



20.8352, 4.9696, 7.5116

Rectangle

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



20.8348, -8.6779, 5.9054



20.8352, -9.9306, -1.4529



20.8352, 7.7146, -5.1273



20.8352, 9.4697, 3.4268

Sweetspot

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



20.8352, -8.6783, 5.9056



29.0145, -4.8597, 3.6344



22.0538, -4.2069, 7.6267



15.2059, -2.6464, 1.9670



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



20.8352, -8.6783, 5.9056



26.9967, -13.4060, 9.0603



21.0558, -7.3971, 2.7258



12.0997, -1.7791, 1.3610



29.2408, -24.8383, 17.0703



73.1973, -62.5134, 43.4582

Inverse Universe

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



17.5893, 7.9036, -4.3861



21.7653, 13.4214, -7.5663



17.2815, 6.3598, -0.0517



11.6404, 0.5535, -0.0898



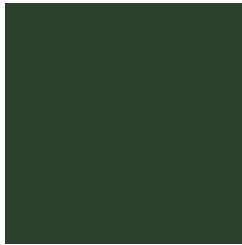
18.0055, 34.7564, -18.7634



45.0233, 86.7866, -45.9668

Previews

White Background



This preview shows how the HunterLab color 20.8348, -8.6779, 5.9054 looks on a white background.

Color Contrast Check

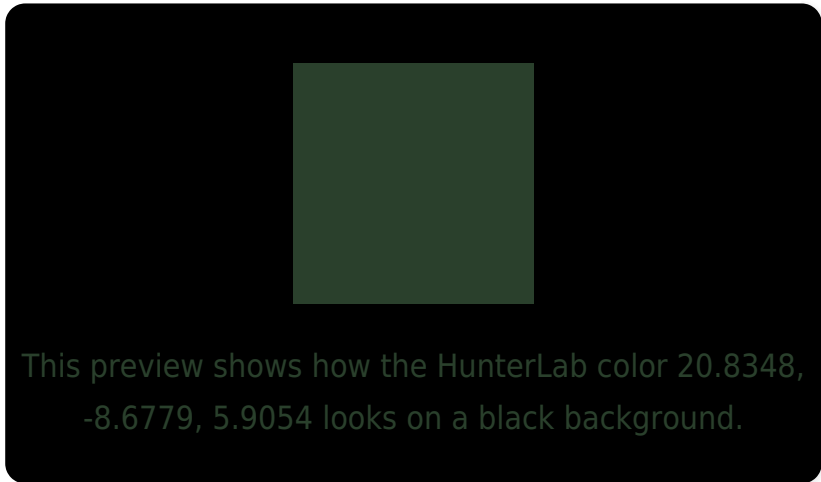
Large Text (above 18pt) WCAG AA ✓ Pass

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

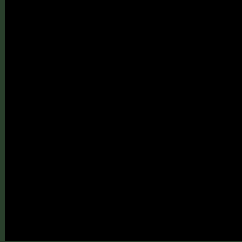
Any Text WCAG AA × Fail

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 20.8348, -8.6779, 5.9054 Background



This preview shows how black text looks on a background with the HunterLab color 20.8348, -8.6779, 5.9054.



This preview shows how white text looks on a background with the HunterLab color 20.8348, -8.6779,

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

20.8348, -8.6779, 5.9054

Protanopia

20.8611, -2.0086, 6.5937

Deuteranopia

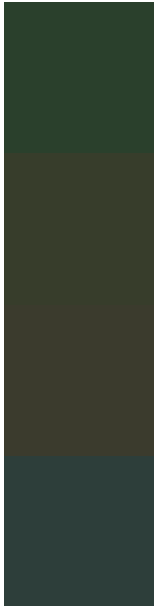
20.7143, 1.3346, 5.3891



Tritanopia

20.7646, -3.8538, -1.9896

Trichromacy



Original Color

20.8348, -8.6779, 5.9054

Protanomaly

20.7945, -4.7985, 6.2130

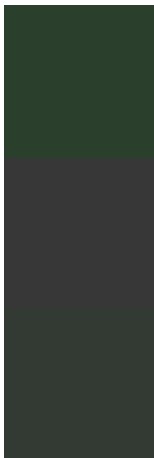
Deuteranomaly

20.6087, -2.7947, 5.5077

Tritanomaly

20.7572, -5.6379, 1.2579

Monochromacy



Original Color

20.8348, -8.6779, 5.9054

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.8576, -3.9545, 2.8156

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.8348, -8.6779, 5.9054 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(42, 64, 44)` looks like.

```
.text, #text, p{  
    color:rgb(42, 64, 44)  
}
```

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(42, 64, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 64, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 20.8348, -8.6779, 5.9054 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(42, 64, 44) }
```


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

```
.border{ border-color:rgb(42, 64, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(42, 64, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 64, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 64, 44);  
box-shadow:4px 4px 4px 4px rgb(42, 64, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.8348, -8.6779, 5.9054 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 64, 44) }
```

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

```
.background{ background-color: rgb(42, 64,  
44) }
```

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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