

Converting Colors

HunterLab(20.6619, -1.3991,
2.0749)

Have a look what the booklet for
HunterLab(20.6619, -1.3991, 2.0749)
contains.

HunterLab(20.5948, -1.1075, 1.9000)	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(20.5948, -1.1075,
1.9000)**

Conversions

Conversions Part 1

Format	Color
Hex	3B3A38
RGB	59, 58, 56
RGB Percent	23%, 23%, 22%
CMY	0.7686, 0.7725, 0.7804
CMYK	0.00, 0.02, 0.05, 0.77
HSL	40°, 3%, 23%
HSV	40°, 5%, 23%
XYZ	4.0305, 4.2415, 4.3476
YIQ	58.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

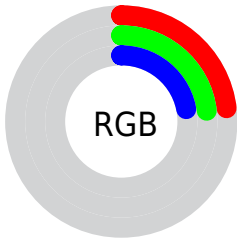
Format	Color
R_YB	58, 59, 56
Decimal	3881528
CIE Lab	24.45, -0.01, 1.39
CIE LCh	24, 1.390, 90.548
Yxy	4.2416, 0.3194, 0.3361
Android (android.graphics.Color)	4282071608 (0xFF3B3A38)
YUV	58.0710, -1.0210, 0.8147
Hunter-Lab	20.5948, -1.1075, 1.9000

Details

The HunterLab color **20.5948, -1.1075, 1.9000** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **20.2058, -1.0533, 0.2908**, and the grayscale version is **20.5976, -1.0990, 1.1191**.

A 20% lighter version of the original color is **37.6120, -2.0198, 2.9132**, and **6.9991, -0.1437, 1.0848** is the 20% darker color. If you saturate the color by 10%, you get **19.9824, -1.0463, 3.3074**, and if you desaturate by 10%, it is **21.2242, -1.1088, 0.3676**.

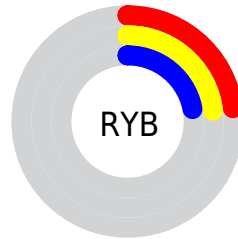
Distribution



Red (23%)

Green (23%)

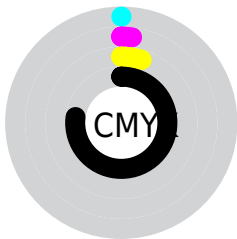
Blue (22%)



Red (23%)

Yellow (23%)

Blue (22%)



Cyan (0%)

Magenta (2%)

Yellow (5%)

Black (77%)



Cyan (77%)

Magenta (77%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5948, -1.1075, 1.9000 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 20.5948, -1.1075, 1.9000 by changing the saturation by 10% instead.

■ 20.5948, -1.1075,
1.9000

■ 20.5948, -1.1075,
1.9000

■ 119.2622, -6.3843,
7.9106

■ 13.4523, -0.7254,
1.4039

■ 37.6234, -2.0193,
3.0069

■ 7.0226, -0.3833,
1.2028

■ 47.3346, -2.5387,
3.6137

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.7618, -3.0964,
4.2541

0.0000, NaN, NaN

■ 68.8589, -3.6898,
4.9264

0.0000, NaN, NaN

■ 80.5877, -4.3169,
5.6293

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.9158, -4.9759,

105.8154, -5.6655,
7.1225

■ 20.5948, -1.1075,
1.9000

■ 20.5948, -1.1075,
1.9000

■ 19.9824, -1.0463,
3.3074

■ 21.2242, -1.1088,
0.3676

■ 19.3865, -0.9208,
4.5816

■ 21.8687, -1.0516,
-1.2837

■ 18.8081, -0.7292,
5.7157

■ 22.5280, -0.9390,
-3.0465

■ 18.2480, -0.4692,
6.7030

■ 23.2014, -0.7741,
-4.9143

■ 17.7070, -0.1389,
7.5372

■ 23.8884, -0.5596,
-6.8805

■ 17.1856, 0.2626,
8.2131

■ 24.5882, -0.2982,
-8.9394

■ 16.6844, 0.7358,
8.7272

■ 25.3005, 0.0076,
-11.0851

■ 16.2035, 1.2782,
9.0822

■ 26.0246, 0.3552,
-13.3124

■ 15.7343, 1.8397,
9.4138

■ 26.7600, 0.7423,
-15.6164

Harmonies

Analogous

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



20.5952, -0.6875, 1.8014



20.5948, -1.1075, 1.9000



20.5952, -1.5231, 1.7941

Triad

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



20.5952, -1.1080, 1.9003



20.5952, -1.8148, 0.7129



20.5952, -0.3672, 0.7263

Complementary

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



20.5948, -1.1075, 1.9000



20.2058, -1.0533, 0.2908

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.



20.5952, -0.6735, 0.4245



20.5948, -1.1075, 1.9000



20.5952, -1.5093, 0.4167

Square

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



20.5952, -1.1080, 1.9003



20.5952, -1.9291, 1.1134



20.5952, -1.0920, 0.3101



20.5952, -0.2576, 1.1287

Rectangle

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



20.5948, -1.1075, 1.9000



20.5952, -1.7414, 1.6199



20.5952, -1.0920, 0.3101



20.5952, -0.4507, 0.6094

Sweetspot

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



20.5952, -1.1080, 1.9003



26.8928, -1.4423, 1.8822



20.1337, -0.1575, 1.0042



13.9262, -0.7465, 0.9455



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



20.5952, -1.1080, 1.9003



26.5558, -1.4285, 2.6847



20.8041, -1.6412, 2.1279



11.3755, -0.6120, 1.1218



24.3855, 4.3647, 15.1027



60.5669, 13.8601, 37.5637

Inverse Universe

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



20.2058, -1.0533, 0.2908



25.9344, -1.3411, 0.1164



19.9986, -0.5210, 0.0467



11.1236, -0.5766, 0.0811



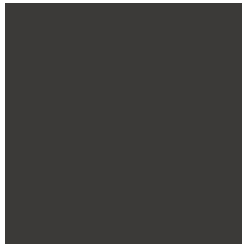
13.4759, 10.0206, -38.4753



31.8503, 31.7121, -108.2674

Previews

White Background



This preview shows how the HunterLab color 20.5948, -1.1075, 1.9000 looks on a white background.

Color Contrast Check

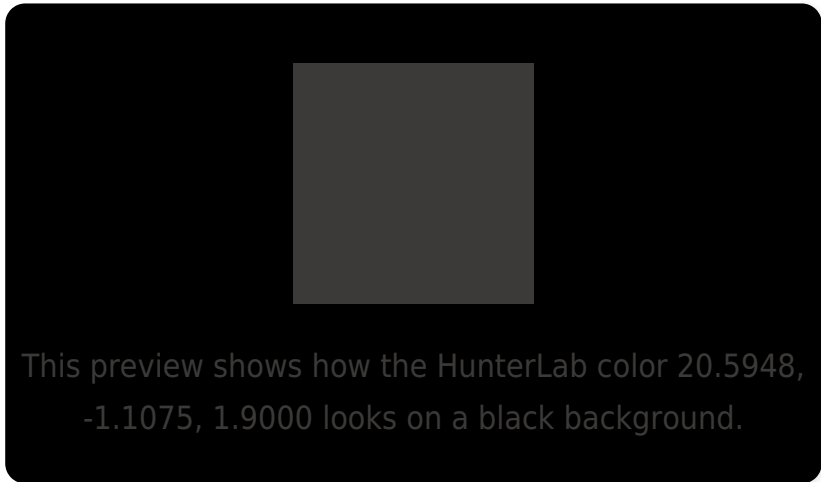
Large Text (above 18pt) WCAG AA ✓ Pass

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

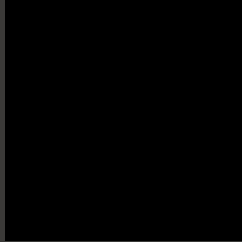
Any Text WCAG AA × Fail

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 20.5948, -1.1075, 1.9000 Background



This preview shows how black text looks on a background with the HunterLab color 20.5948, -1.1075, 1.9000.



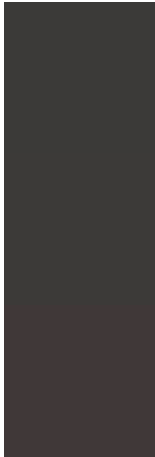
This preview shows how white text looks on a background with the HunterLab color 20.5948, -1.1075,

1.9000.

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

20.5948, -1.1075, 1.9000

Protanopia

20.6695, -0.8479, 1.9896

Deuteranopia

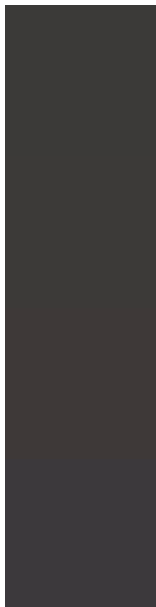
20.5033, 1.0526, 1.8334



Tritanopia

20.5784, 0.3854, -0.4437

Trichromacy



Original Color

20.5948, -1.1075, 1.9000

Protanomaly

20.6695, -0.8479, 1.9896

Deuteranomaly

20.5813, 0.0927, 1.9057

Tritanomaly

20.5260, 0.1015, 0.3014

Monochromacy



Original Color

20.5948, -1.1075, 1.9000

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.5452, -1.2320, 1.4676

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5948, -1.1075, 1.9000 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(59, 58, 56)` looks like.

```
.text, #text, p{  
    color:rgb(59, 58, 56)  
}
```

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(59, 58, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 58, 56) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5948, -1.1075, 1.9000 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(59, 58, 56) }
```


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

```
.border{ border-color:rgb(59, 58, 56) }
```

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

Here you see how a box with a 4 pixel rgb(59, 58, 56) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 58, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 58, 56);  
box-shadow:4px 4px 4px 4px rgb(59, 58, 56)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5948, -1.1075, 1.9000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 58, 56) }
```

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

```
.background{ background-color: rgb(59, 58,  
56) }
```

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