

Converting Colors

HunterLab(20.6199, 4.8424,
1.1429)

Have a look what the booklet for
HunterLab(20.6199, 4.8424, 1.1429)
contains.

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Color

**HunterLab(20.5655, 4.8851,
1.2174)**

Conversions

Conversions Part 1

Format	Color
Hex	48353A
RGB	72, 53, 58
RGB Percent	28%, 21%, 23%
CMY	0.7176, 0.7921, 0.7725
CMYK	0.00, 0.26, 0.19, 0.72
HSL	344°, 15%, 25%
HSV	344°, 26%, 28%
XYZ	4.7093, 4.2294, 4.5711
YIQ	59.2510, 9.7190, 5.5830

Conversions

Conversions Part 2

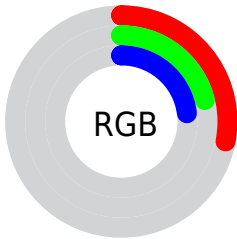
Format	Color
R_YB	72, 53, 58
Decimal	4732218
CIE Lab	24.42, 9.44, 0.17
CIE LCh	24, 9.438, 1.047
Yxy	4.2296, 0.3486, 0.3131
Android (android.graphics.Color)	4282922298 (0xFF48353A)
YUV	59.2510, -0.6167, 11.1809
Hunter-Lab	20.5655, 4.8851, 1.2174

Details

The HunterLab color **20.5655, 4.8851, 1.2174** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24.0769, -6.5571, 1.6441**, and the grayscale version is **20.9993, -1.1205, 1.1409**.

A 20% lighter version of the original color is **37.6818, 5.0749, 2.2799**, and **7.0077, 5.3277, 0.5877** is the 20% darker color. If you saturate the color by 10%, you get **18.8958, 7.3387, 1.3188**, and if you desaturate by 10%, it is **22.3449, 2.4739, 1.2149**.

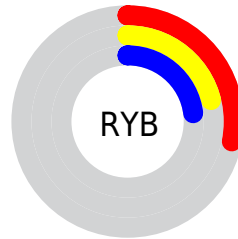
Distribution



 Red (28%)

 Green (21%)

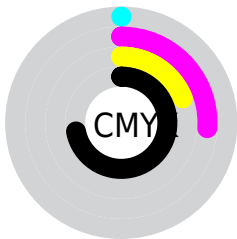
 Blue (23%)



 Red (28%)

 Yellow (21%)

 Blue (23%)

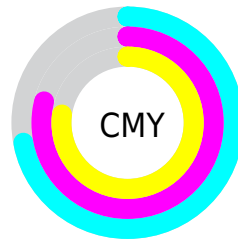


 Cyan (0%)


 Magenta (26%)

 Yellow (19%)

 Black (72%)



 Cyan (72%)

 Magenta (79%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.5655, 4.8851, 1.2174 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 20.5655, 4.8851, 1.2174 by changing the saturation by 10% instead.

■ 20.5655, 4.8851,
1.2174

■ 20.5655, 4.8851,
1.2174

■ 119.2096, 3.9903,
6.6658

■ 13.4269, 4.5643,
0.8161

■ 37.5876, 5.1792,
2.1663

■ 6.9923, 5.5073,
0.4828

■ 47.2959, 5.1933,
2.7044

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.7205, 5.1349,
3.2807

0.0000, NaN, NaN

■ 68.8151, 5.0124,
3.8930

0.0000, NaN, NaN

■ 80.5415, 4.8320,
4.5393

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 92.8674, 4.5989,

5.2178

0.0000, NaN, NaN

105.7649, 4.3172,
5.9270

■ 20.5655, 4.8851,
1.2174

■ 20.5655, 4.8851,
1.2174

■ 18.8958, 7.3387,
1.3188

■ 22.3449, 2.4739,
1.2149

■ 17.3526, 9.8123,
1.5344

■ 24.2175, 0.1175,
1.2949

■ 15.9580, 12.2572,
1.8803

■ 26.1712, -2.1835,
1.4445

■ 14.7361, 14.5940,
2.3672

■ 28.1962, -4.4319,
1.6526

■ 13.7117, 16.7063,
2.9942

■ 30.2840, -6.6329,
1.9103

■ 12.9067, 18.4498,
3.7418

■ 32.4280, -8.7924,
2.2100

■ 12.1977, 20.1385,
4.4531

■ 34.6225, -10.9162,
2.5458

■ 11.9354, 20.8321,
4.6714

■ 36.8628, -13.0100,
2.9127

■ 39.1452, -15.0785,
3.3067

Harmonies

Analogous

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



20.5660, 4.1028, -1.6671



20.5655, 4.8851, 1.2174



20.5660, 3.9892, 3.7119

Triad

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



20.5660, 4.8844, 1.2178



20.5660, -3.9423, 5.2258



20.5660, -3.7724, -4.1826

Complementary

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



20.5655, 4.8851, 1.2174



24.0769, -6.5571, 1.6441

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.



20.5660, -5.7351, -1.8617



20.5655, 4.8851, 1.2174



20.5660, -5.8292, 3.5635

Square

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



20.5660, 4.8844, 1.2178



20.5660, -1.2020, 5.8158



20.5660, -6.4670, 1.0207



20.5660, -0.9947, -5.0378

Rectangle

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



20.5655, 4.8851, 1.2174



20.5660, 2.5897, 4.8884



20.5660, -6.4670, 1.0207



20.5660, -4.5437, -3.5332

Sweetspot

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



20.5660, 4.8844, 1.2178



31.4648, 0.7508, 1.6803



20.5066, 5.4868, -4.9939



16.1245, 0.5383, 0.8612



65.8695, -3.5146, 3.5788



17.3419, -0.9253, 0.9422

Same Dimension

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



20.5660, 4.8844, 1.2178



25.5970, 8.6736, 1.6835



21.4574, 2.3786, 3.9563



12.3285, 0.3259, 0.6584



16.5933, 28.8705, 7.2036



40.7994, 70.6624, 20.2233

Inverse Universe

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



20.5660, 4.8844, 1.2178



25.5970, 8.6736, 1.6835



23.0367, -4.0587, -1.6552



12.3285, 0.3259, 0.6584



16.5933, 28.8705, 7.2036



40.7994, 70.6624, 20.2233

Previews

White Background



This preview shows how the HunterLab color 20.5655, 4.8851, 1.2174 looks on a white background.

Color Contrast Check

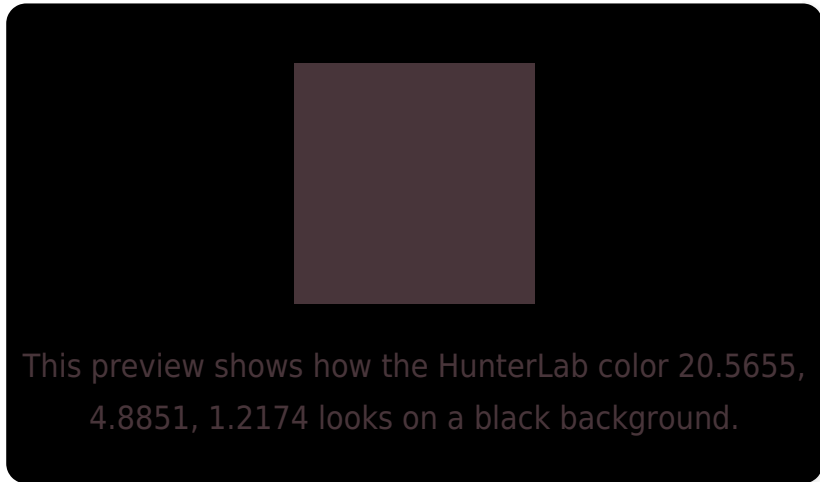
Large Text (above 18pt) WCAG AA ✓ Pass

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

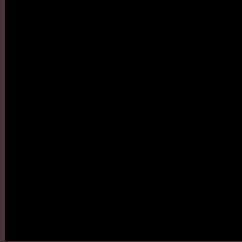
Any Text WCAG AA × Fail

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 20.5655, 4.8851, 1.2174 Background



This preview shows how black text looks on a background with the HunterLab color 20.5655, 4.8851, 1.2174.

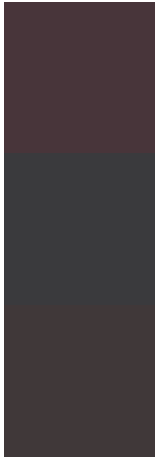


This preview shows how white text looks on a background with the HunterLab color 20.5655, 4.8851,

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

20.5655, 4.8851, 1.2174

Protanopia

20.6460, -0.6805, 0.0317

Deuteranopia

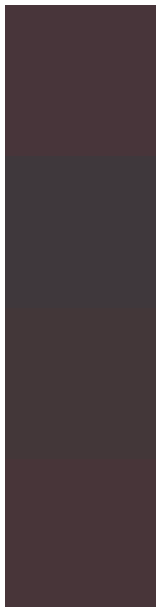
20.5274, 1.1820, 1.4891



Tritanopia

20.5410, 4.7578, 1.5675

Trichromacy



Original Color

20.5655, 4.8851, 1.2174

Protanomaly

20.5216, 1.3126, 0.3173

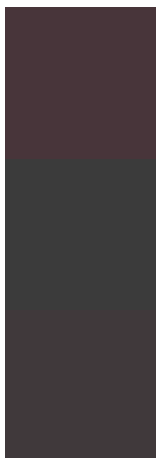
Deuteranomaly

20.5453, 2.4426, 1.5319

Tritanomaly

20.5410, 4.7578, 1.5675

Monochromacy



Original Color

20.5655, 4.8851, 1.2174

Achromatopsia

20.9129, -1.1159, 1.1362

Achromatomaly

20.8135, 1.0277, 1.0564

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.5655, 4.8851, 1.2174 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(72, 53, 58)` looks like.

```
.text, #text, p{  
    color:rgb(72, 53, 58)  
}
```

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(72, 53, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 53, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 20.5655, 4.8851, 1.2174 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(72, 53, 58) }
```


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

```
.border{ border-color:rgb(72, 53, 58) }
```

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

Here you see how a box with a 4 pixel rgb(72, 53, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 53, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 53, 58);  
box-shadow:4px 4px 4px 4px rgb(72, 53, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.5655, 4.8851, 1.2174 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 53, 58) }
```

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

```
.background{ background-color: rgb(72, 53,  
58) }
```

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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