

Converting Colors

HunterLab(19.9477, -4.9542,
5.3083)

Have a look what the booklet for
HunterLab(19.9477, -4.9542, 5.3083)
contains.

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Color

**HunterLab(20.0154, -5.0151,
5.4754)**

Conversions

Conversions Part 1

Format	Color
Hex	333B2B
RGB	51, 59, 43
RGB Percent	20%, 23%, 17%
CMY	0.8000, 0.7686, 0.8314
CMYK	0.14, 0.00, 0.27, 0.77
HSL	90°, 16%, 20%
HSV	90°, 27%, 23%
XYZ	3.3653, 4.0062, 2.8814
YIQ	54.7840, 0.3680, -6.6720

Conversions

Conversions Part 2

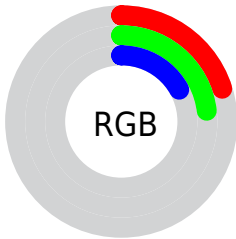
Format	Color
R_{YB}	43, 59, 51
Decimal	3357483
CIE _{Lab}	23.69, -6.90, 8.83
CIE _{LCh}	24, 11.211, 128.000
Yxy	4.0063, 0.3282, 0.3907
Android (android.graphics.Color)	4281547563 (0xFF333B2B)
YUV	54.7840, -5.8095, -3.3186
Hunter-Lab	20.0154, -5.0151, 5.4754

Details

The HunterLab color **20.0154, -5.0151, 5.4754** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.5754, 3.5013, -4.5261**, and the grayscale version is **19.4920, -1.0400, 1.0590**.

A 20% lighter version of the original color is **36.8908, -6.7256, 7.7759**, and **6.4827, -4.7915, 3.9107** is the 20% darker color. If you saturate the color by 10%, you get **19.7279, -6.2861, 6.7610**, and if you desaturate by 10%, it is **20.3271, -3.6520, 4.0181**.

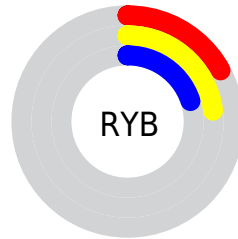
Distribution



Red (20%)

Green (23%)

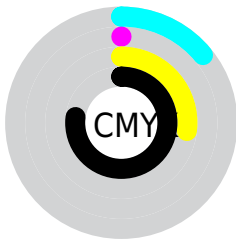
Blue (17%)



Red (17%)

Yellow (23%)

Blue (20%)

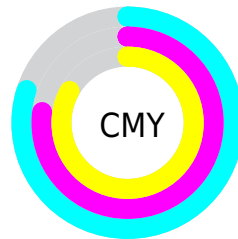


Cyan (14%)

Magenta (0%)

Yellow (27%)

Black (77%)



Cyan (80%)

Magenta (77%)

Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 20.0154, -5.0151, 5.4754 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 20.0154, -5.0151, 5.4754 by changing the saturation by 10% instead.

■ 20.0154, -5.0151,
5.4754

■ 20.0154, -5.0151,
5.4754

■ 118.2183,
-13.6522, 15.1282

■ 12.9503, -4.0583,
4.3292

■ 36.9140, -6.8779,
7.6346

■ 6.3935, -5.0458,
4.4755

■ 46.5684, -7.8093,
8.6904

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.9427, -8.7489,
9.7443

0.0000, NaN, NaN

■ 67.9902, -9.7002,
10.8020

0.0000, NaN, NaN

■ 79.6720, -10.6650,
11.8671

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 91.9555, -11.6448,

104.8124,
-12.6404, 14.0287

20.0154, -5.0151,
5.4754

20.0154, -5.0151,
5.4754

19.7279, -6.2861,
6.7610

20.3271, -3.6520,
4.0181

19.4634, -7.4594,
7.8714

20.6615, -2.2003,
2.3927

19.2223, -8.5320,
8.8059

21.0187, -0.6656,
0.6050

19.0045, -9.5016,
9.5657

21.3982, 0.9466,
-1.3383

18.8096, -10.3669,
10.1547

21.7996, 2.6306,
-3.4301

■ 18.6360, -11.1343,
10.5942

■ 22.2223, 4.3808,
-5.6627

■ 18.4746, -11.8571,
11.0197

■ 22.6657, 6.1917,
-8.0280

■ 18.4299, -12.0592,
11.1453

■ 23.1293, 8.0579,
-10.5181

■ 23.6123, 9.9743,
-13.1248

Harmonies

Analogous

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



20.0158, -1.9897, 6.4133



20.0154, -5.0151, 5.4754



20.0158, -6.8904, 3.3255

Triad

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



20.0158, -5.0156, 5.4756



20.0158, -3.5090, -5.7383



20.0158, 5.9802, 1.9533

Complementary

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



20.0154, -5.0151, 5.4754



16.5754, 3.5013, -4.5261

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.



20.0158, 5.5044, -1.4385



20.0154, -5.0151, 5.4754



20.0158, -0.1315, -6.2747

Square

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



20.0158, -5.0156, 5.4756



20.0158, -6.0628, -3.2279



20.0158, 3.2091, -4.5887



20.0158, 4.4680, 4.6183

Rectangle

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



20.0154, -5.0151, 5.4754



20.0158, -7.3135, 1.3099



20.0158, 3.2091, -4.5887



20.0158, 6.0493, 0.8666

Sweetspot

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



20.0158, -5.0156, 5.4756



26.6810, -3.0878, 3.3704



18.6334, 0.1888, 4.2126



13.7891, -1.6659, 1.8214



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.



20.0158, -5.0156, 5.4756



25.6226, -7.7184, 8.3377



19.5349, -6.8065, 4.9813



11.4153, -1.3312, 1.4534



29.4554, -19.9497, 17.8010



74.5230, -52.2682, 45.0057

Inverse Universe

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



16.5754, 3.5013, -4.5261



20.0118, 6.2193, -8.0888



17.2437, 5.6100, -3.5039



10.8071, 0.1679, -0.2990



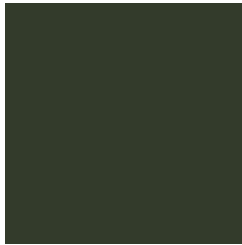
11.9293, 27.2564, -45.2143



29.3961, 68.2547, -119.8638

Previews

White Background



This preview shows how the HunterLab color 20.0154, -5.0151, 5.4754 looks on a white background.

Color Contrast Check

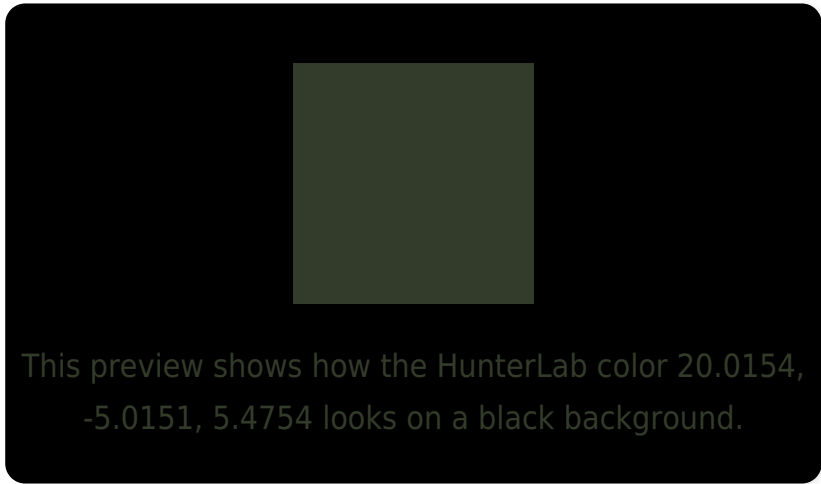
Large Text (above 18pt) WCAG AA ✓ Pass

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 20.0154, -5.0151, 5.4754 Background



This preview shows how black text looks on a background with the HunterLab color 20.0154, -5.0151, 5.4754.

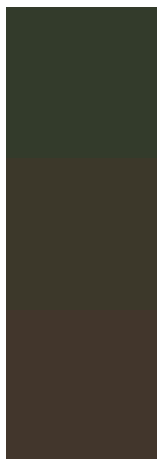


This preview shows how white text looks on a background with the HunterLab color 20.0154, -5.0151, 5.4754.

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

20.0154, -5.0151, 5.4754

Protanopia

19.8901, -1.6426, 5.6979

Deuteranopia

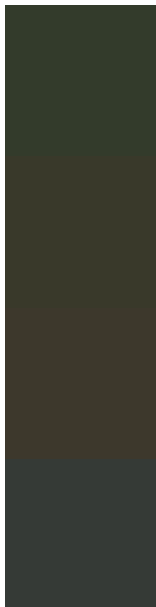
19.9460, 1.0751, 5.2263



Tritanopia

20.1183, -1.2540, -0.6361

Trichromacy



Original Color

20.0154, -5.0151, 5.4754

Protanomaly

19.9080, -2.8439, 5.6937

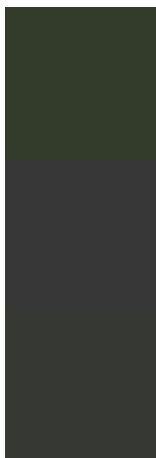
Deuteranomaly

20.0057, -1.1649, 5.2451

Tritanomaly

20.1230, -2.8637, 2.0666

Monochromacy



Original Color

20.0154, -5.0151, 5.4754

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.6256, -2.2108, 2.5926

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 20.0154, -5.0151, 5.4754 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(51, 59, 43)` looks like.

```
.text, #text, p{  
    color:rgb(51, 59, 43)  
}
```

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(51, 59, 43) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 59, 43) }
```

Border

The CSS property to change the border of an element to HunterLab 20.0154, -5.0151, 5.4754 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(51, 59, 43) }
```


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

```
.border{ border-color:rgb(51, 59, 43) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 59, 43)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 59, 43); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 59, 43);  
box-shadow:4px 4px 4px 4px rgb(51, 59, 43)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 20.0154, -5.0151, 5.4754 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 59, 43) }
```

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

```
.background{ background-color: rgb(51, 59,  
43) }
```

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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