

Converting Colors

HunterLab(25.1200, -3.2207,
2.1235)

Have a look what the booklet for
HunterLab(25.1200, -3.2207, 2.1235)
contains.

HunterLab(25.0154, -3.0591, 2.0164)	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(25.0154, -3.0591,
2.0164)**

Conversions

Conversions Part 1

Format	Color
Hex	434845
RGB	67, 72, 69
RGB Percent	26%, 28%, 27%
CMY	0.7373, 0.7176, 0.7294
CMYK	0.07, 0.00, 0.04, 0.72
HSL	144°, 4%, 27%
HSV	144°, 7%, 28%
XYZ	5.7063, 6.2577, 6.5373
YIQ	70.1630, -2.0170, -1.9930

Conversions

Conversions Part 2

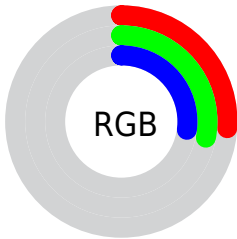
Format	Color
RYB	67, 71, 72
Decimal	4409413
CIELab	30.05, -2.72, 1.09
CIElCh	30, 2.934, 158.221
Yxy	6.2580, 0.3084, 0.3382
Android (android.graphics.Color)	4282599493 (0xFF434845)
YUV	70.1630, -0.5734, -2.7740
Hunter-Lab	25.0154, -3.0591, 2.0164

Details

The HunterLab color **25.0154, -3.0591, 2.0164** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **24.1545, 0.4831, 0.6686**, and the grayscale version is **24.8085, -1.3237, 1.3479**.

A 20% lighter version of the original color is **42.8511, -4.1844, 3.0454**, and **10.7121, -2.0412, 1.1559** is the 20% darker color. If you saturate the color by 10%, you get **24.4282, -5.3821, 2.9381**, and if you desaturate by 10%, it is **25.6595, -0.5893, 1.1068**.

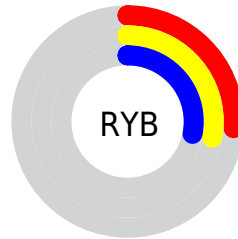
Distribution



Red (26%)

Green (28%)

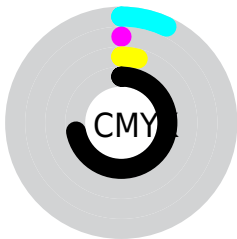
Blue (27%)



Red (26%)

Yellow (28%)

Blue (28%)

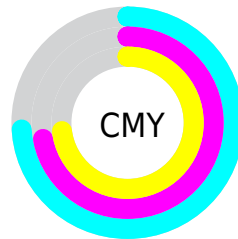


Cyan (7%)

Magenta (0%)

Yellow (4%)

Black (72%)



Cyan (74%)

Magenta (72%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.0154, -3.0591, 2.0164 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 25.0154, -3.0591, 2.0164 by changing the saturation by 10% instead.

■ 25.0154, -3.0591,
2.0164

■ 25.0154, -3.0591,
2.0164

■ 127.0226, -9.7739,
8.0504

■ 17.3279, -2.4446,
1.5206

■ 42.9698, -4.3678,
3.1268

■ 10.6446, -1.8512,
1.0670

■ 53.0882, -5.0624,
3.7362

■ 0.7745, -1.3554,
0.5422

■ 63.8956, -5.7838,
4.3792

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.3507, -6.5316,
5.0544

0.0000, NaN, NaN

■ 87.4188, -7.3050,
5.7603

0.0000, NaN, NaN

■ 100.0701, -8.1036,

0.0000, NaN, NaN

113.2789, -8.9268,
7.2594

■ 25.0154, -3.0591,
2.0164

■ 25.0154, -3.0591,
2.0164

■ 24.4282, -5.3821,
2.9381

■ 25.6595, -0.5893,
1.1068

■ 23.8980, -7.5384,
3.8640

■ 26.3572, 2.0104,
0.2135

■ 23.4262, -9.5107,
4.7872

■ 27.1068, 4.7217,
-0.6585

■ 23.0136, -11.2832,
5.6993

■ 27.9061, 7.5279,
-1.5059

■ 22.6599, -12.8430,
6.5914

■ 28.7527, 10.4139,
-2.3262

■ 22.3644, -14.1811,
7.4545

■ 29.6443, 13.3659,
-3.1177

■ 22.1254, -15.2935,
8.2793

■ 30.5784, 16.3722,
-3.8796

■ 21.9400, -16.1829,
9.0573

■ 31.5528, 19.4222,
-4.6114

■ 21.7795, -16.9626,
9.7593

■ 32.5652, 22.5074,
-5.3134

Harmonies

Analogous

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



25.0159, -2.4897, 2.7276



25.0154, -3.0591, 2.0164



25.0159, -3.1714, 1.1044

Triad

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



25.0159, -3.0596, 2.0168



25.0159, -1.0665, -0.4755



25.0159, 0.1594, 2.4440

Complementary

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



25.0154, -3.0591, 2.0164



24.1545, 0.4831, 0.6686

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.



25.0159, 0.5536, 1.6163



25.0154, -3.0591, 2.0164



25.0159, -0.1613, -0.0858

Square

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



25.0159, -3.0596, 2.0168



25.0159, -2.0305, -0.3582



25.0159, 0.4354, 0.6884



25.0159, -0.6341, 2.9675

Rectangle

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



25.0154, -3.0591, 2.0164



25.0159, -2.9727, 0.5004



25.0159, 0.4354, 0.6884



25.0159, 0.3436, 2.1934

Sweetspot

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



25.0159, -3.0596, 2.0168



33.4084, -2.4737, 2.0743



25.1902, -2.5405, 2.9788



17.2599, -1.2390, 1.0569



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.



25.0159, -3.0596, 2.0168



32.8932, -4.4702, 2.8273



25.0771, -2.7207, 1.1435



12.9065, -1.7867, 1.1223



30.2668, -24.1653, 14.3351



74.6069, -60.3814, 37.0940

Inverse Universe

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



24.1545, 0.4831, 0.6686



31.5336, 1.1221, 0.6996



24.0925, 0.1474, 1.5530



12.3564, 0.4761, 0.2614



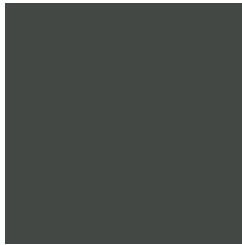
17.3233, 31.5305, -3.2543



42.5511, 77.0605, -4.9888

Previews

White Background



This preview shows how the HunterLab color 25.0154, -3.0591, 2.0164 looks on a white background.

Color Contrast Check

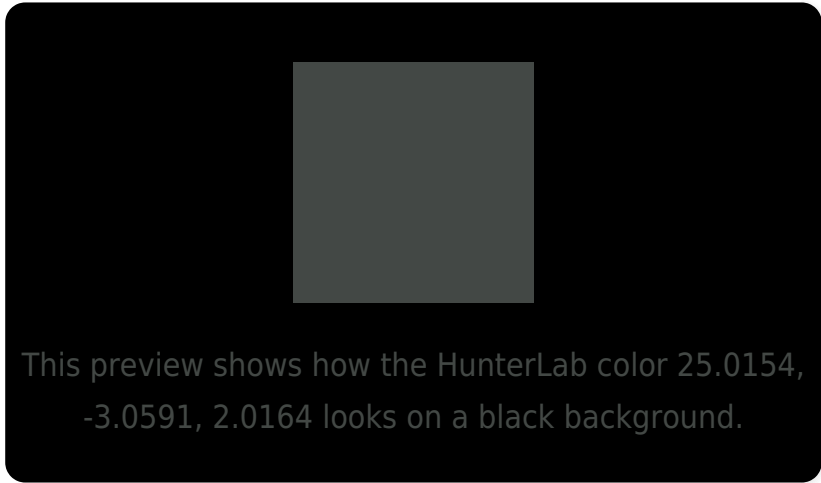
Large Text (above 18pt) WCAG AA ✓ Pass

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

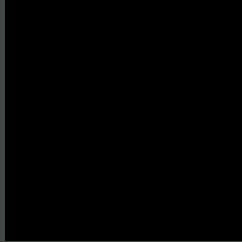
Any Text WCAG AA × Fail

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 25.0154, -3.0591, 2.0164 Background



This preview shows how black text looks on a background with the HunterLab color 25.0154, -3.0591, 2.0164.



This preview shows how white text looks on a background with the HunterLab color 25.0154, -3.0591,

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

25.0154, -3.0591, 2.0164

Protanopia

24.9282, -0.7955, 2.3394

Deuteranopia

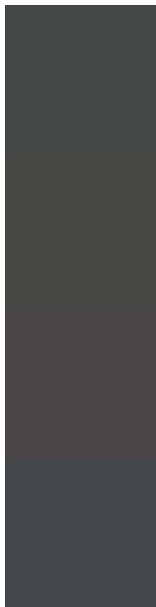
24.8921, 1.7200, 1.5670



Tritanopia

25.0144, -1.3764, -0.8167

Trichromacy



Original Color

25.0154, -3.0591, 2.0164

Protanomaly

25.0268, -1.7507, 2.4348

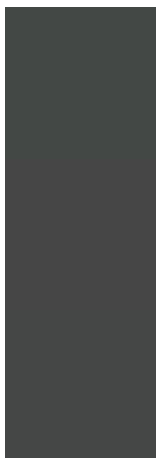
Deuteranomaly

24.8078, 0.1730, 1.4412

Tritanomaly

24.9328, -1.8244, 0.3423

Monochromacy



Original Color

25.0154, -3.0591, 2.0164

Achromatopsia

24.7479, -1.3205, 1.3446

Achromatomaly

24.9277, -1.9983, 1.5436

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.0154, -3.0591, 2.0164 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(67, 72, 69)` looks like.

```
.text, #text, p{  
    color:rgb(67, 72, 69)  
}
```

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(67, 72, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 72, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 25.0154, -3.0591, 2.0164 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(67, 72, 69) }
```


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

```
.border{ border-color:rgb(67, 72, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 72, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 72, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 72, 69);  
box-shadow:4px 4px 4px 4px rgb(67, 72, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 25.0154, -3.0591, 2.0164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 72, 69) }
```

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

```
.background{ background-color: rgb(67, 72,  
69) }
```

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