

Converting Colors

HunterLab(12.4474, -1.7198,
0.1778)

Have a look what the booklet for
HunterLab(12.4474, -1.7198, 0.1778)
contains.

HunterLab(12.3556, -1.6554, -0.0458)	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(12.3556, -1.6554,
-0.0458)**

Conversions

Conversions Part 1

Format	Color
Hex	1D2223
RGB	29, 34, 35
RGB Percent	11%, 13%, 14%
CMY	0.8863, 0.8667, 0.8627
CMYK	0.17, 0.03, 0.00, 0.86
HSL	190°, 9%, 13%
HSV	190°, 17%, 14%
XYZ	1.3821, 1.5266, 1.8119
YIQ	32.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

Format	Color
RYB	29, 32, 35
Decimal	1909283
CIELab	12.78, -2.00, -1.45
CIElCh	13, 2.465, 215.933
Yxy	1.5267, 0.2928, 0.3234
Android (android.graphics.Color)	4280099363 (0xFF1D2223)
YUV	32.6190, 1.1738, -3.1739
Hunter-Lab	12.3556, -1.6554, -0.0458

Details

The HunterLab color **12.3556, -1.6554, -0.0458** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **11.7242, 0.4806, 1.3544**, and the grayscale version is **12.2099, -0.6515, 0.6634**.

A 20% lighter version of the original color is **27.2576, -2.6244, 0.6600**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0229, -2.1513, -0.4708**, and if you desaturate by 10%, it is **12.7052, -1.1100, 0.3890**.

Distribution



Red (11%)

Green (13%)

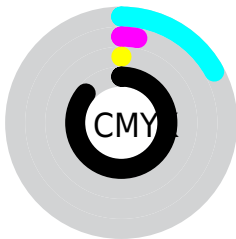
Blue (14%)



Red (11%)

Yellow (13%)

Blue (14%)

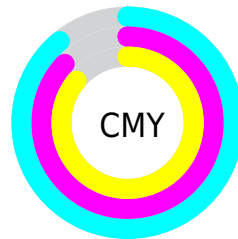


Cyan (17%)

Magenta (3%)

Yellow (0%)

Black (86%)



Cyan (89%)

Magenta (87%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.3556, -1.6554, -0.0458 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 12.3556, -1.6554, -0.0458 by changing the saturation by 10% instead.

■ 12.3556, -1.6554,
-0.0458

■ 12.3556, -1.6554,
-0.0458

103.6119, -7.5818,
4.2125

■ 5.5443, -1.8647,
-0.7796

■ 27.2666, -2.7613,
0.5602

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.0678, -3.3612,
0.9519

0.0000, NaN, NaN

■ 45.6535, -3.9922,
1.3933

0.0000, NaN, NaN

■ 55.9640, -4.6535,
1.8797

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.9516, -5.3440,
2.4074

0.0000, NaN, NaN

■ 78.5768, -6.0628,

0.0000, NaN, NaN

2.9736

■ 90.8064, -6.8090,
3.5760

■ 12.3556, -1.6554,
-0.0458

■ 12.3556, -1.6554,
-0.0458

■ 12.0229, -2.1513,
-0.4708

■ 12.7052, -1.1100,
0.3890

■ 11.7069, -2.5933,
-0.8849

■ 13.0703, -0.5181,
0.8316

■ 11.4082, -2.9783,
-1.2865

■ 13.4505, 0.1165,
1.2810

■ 11.1275, -3.3029,
-1.6737

■ 13.8453, 0.7903,
1.7359

■ 10.8648, -3.5644,
-2.0449

■ 14.2540, 1.5000,
2.1954

■ 10.6170, -3.7739,
-2.4039

■ 14.6760, 2.2424,
2.6585

■ 10.3678, -3.9920,
-2.7747

■ 15.1106, 3.0147,
3.1247

■ 10.1152, -4.2269,
-3.1615

■ 15.5573, 3.8143,
3.5931

■ 10.0423, -4.2973,
-3.2753

■ 16.0156, 4.6387,
4.0633

Harmonies

Analogous

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



12.3559, -1.8785, 0.5491



12.3556, -1.6554, -0.0458



12.3559, -1.1655, -0.4629

Triad

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



12.3559, -1.6556, -0.0456



12.3559, 0.5019, 0.1779



12.3559, -0.7888, 1.7975

Complementary

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



12.3556, -1.6554, -0.0458



11.7242, 0.4806, 1.3544

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.



12.3559, -0.1462, 1.7095



12.3556, -1.6554, -0.0458



12.3559, 0.6078, 0.7948

Square

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



12.3559, -1.6556, -0.0456



12.3559, 0.0820, -0.3293



12.3559, 0.3683, 1.3501



12.3559, -1.3848, 1.5969

Rectangle

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



12.3556, -1.6554, -0.0458



12.3559, -0.7484, -0.5730



12.3559, 0.3683, 1.3501



12.3559, -0.5712, 1.8006

Sweetspot

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



12.3559, -1.6556, -0.0456



16.2473, -1.2826, 0.5944



12.4760, -2.6495, 1.8357



9.1059, -0.7125, 0.3376



55.4075, -2.9564, 3.0104



9.2414, -0.4931, 0.5021

Same Dimension

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



12.3559, -1.6556, -0.0456



15.4908, -2.4547, -0.3511



11.6952, -0.5842, -0.8649



7.5642, -0.6859, 0.2137



21.7681, -8.7749, -8.2658



59.1495, -22.9064, -24.4834

Inverse Universe

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



11.6257, 1.4769, -0.5288



14.2836, 2.7618, -1.1623



12.3621, -0.6100, 2.0317



7.3613, 0.1747, 0.0829



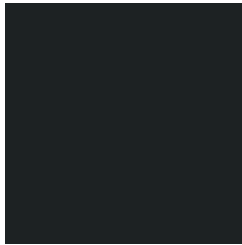
14.8102, 28.1817, -12.2802



40.7880, 77.3691, -31.9253

Previews

White Background



This preview shows how the HunterLab color 12.3556, -1.6554, -0.0458 looks on a white background.

Color Contrast Check

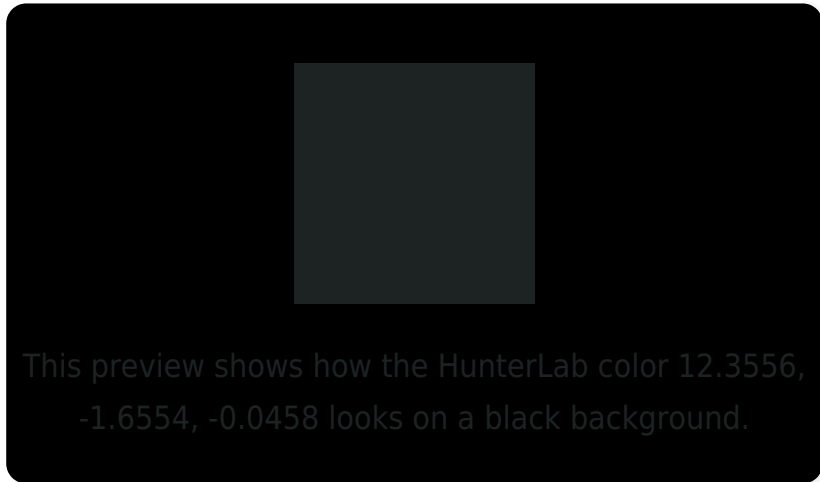
Large Text (above 18pt) WCAG AA ✓ Pass

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

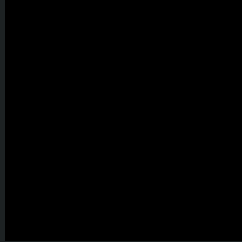
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

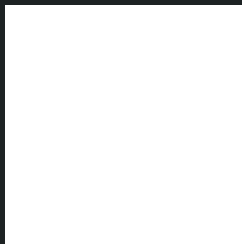
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 12.3556, -1.6554, -0.0458 Background



This preview shows how black text looks on a background with the HunterLab color 12.3556, -1.6554, -0.0458.



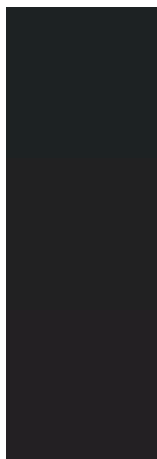
This preview shows how white text looks on a background with the HunterLab color 12.3556, -1.6554, -0.0458.

-0.0458.

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

12.3556, -1.6554, -0.0458

Protanopia

12.3553, -0.5319, 0.3417

Deuteranopia

12.2951, 0.4495, -0.0838



Tritanopia

12.3800, -1.5201, -0.3916

Trichromacy



Original Color

12.3556, -1.6554, -0.0458

Protanomaly

12.2894, -0.7613, 0.2580

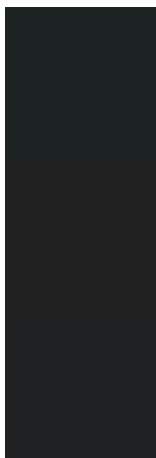
Deuteranomaly

12.3790, -0.4026, 0.0049

Tritanomaly

12.3800, -1.5201, -0.3916

Monochromacy



Original Color

12.3556, -1.6554, -0.0458

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.2894, -0.7613, 0.2580

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3556, -1.6554, -0.0458 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(29, 34, 35)` looks like.

```
.text, #text, p{  
    color:rgb(29, 34, 35)  
}
```

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(29, 34, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 34, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3556, -1.6554, -0.0458 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(29, 34, 35) }
```


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

```
.border{ border-color:rgb(29, 34, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 34, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 34, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 34, 35);  
box-shadow:4px 4px 4px 4px rgb(29, 34, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3556, -1.6554, -0.0458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 34, 35) }
```

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

```
.background{ background-color: rgb(29, 34,  
35) }
```

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