

Converting Colors

HunterLab(13.4239, 5.0060,
1.4985)

Have a look what the booklet for
HunterLab(13.4239, 5.0060, 1.4985)
contains.

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Color

**HunterLab(13.4355, 5.1663,
1.3523)**

Conversions

Conversions Part 1

Format	Color
Hex	331F23
RGB	51, 31, 35
RGB Percent	20%, 12%, 14%
CMY	0.8000, 0.8784, 0.8627
CMYK	0.00, 0.39, 0.31, 0.80
HSL	348°, 24%, 16%
HSV	348°, 39%, 20%
XYZ	2.1586, 1.8051, 1.8248
YIQ	37.4360, 10.6360, 5.4840

Conversions

Conversions Part 2

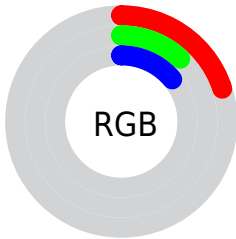
Format	Color
R _Y B	51, 31, 35
Decimal	3350307
CIE Lab	14.43, 10.43, 1.28
CIE LCh	14, 10.511, 7.015
Yxy	1.8052, 0.3729, 0.3119
Android (android.graphics.Color)	4281540387 (0xFF331F23)
YUV	37.4360, -1.2009, 11.8956
Hunter-Lab	13.4355, 5.1663, 1.3523

Details

The HunterLab color **13.4355, 5.1663, 1.3523** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **16.9240, -5.7588, 0.9057**, and the grayscale version is **13.7427, -0.7333, 0.7467**.

A 20% lighter version of the original color is **28.6240, 5.8100, 2.4177**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.3966, 6.7980, 1.5841**, and if you desaturate by 10%, it is **14.5559, 3.5508, 1.1844**.

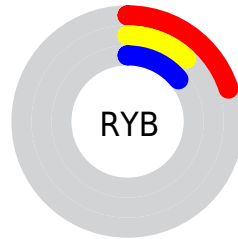
Distribution



Red (20%)

Green (12%)

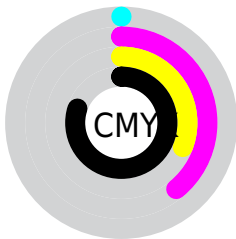
Blue (14%)



Red (20%)

Yellow (12%)

Blue (14%)

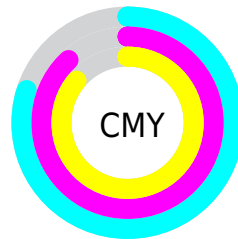


Cyan (0%)

Magenta (39%)

Yellow (31%)

Black (80%)



Cyan (80%)

Magenta (88%)

Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.4355, 5.1663, 1.3523 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 13.4355, 5.1663, 1.3523 by changing the saturation by 10% instead.

■ 13.4355, 5.1663,
1.3523

■ 13.4355, 5.1663,
1.3523

105.7827, 5.3897,
7.0168

■ 7.0030, 6.1174,
1.1410

■ 28.6646, 5.8126,
2.3678

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 37.6003, 5.9679,
2.9329

0.0000, NaN, NaN

■ 47.3095, 6.0358,
3.5336

0.0000, NaN, NaN

■ 57.7350, 6.0280,
4.1682

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 68.8305, 5.9535,
4.8351


0.0000, NaN, NaN


■ 80.5578, 5.8188,

0.0000, NaN, NaN


5.5330


 92.8845, 5.6294,
6.2606

 13.4355, 5.1663,
1.3523


 13.4355, 5.1663,
1.3523


 12.3966, 6.7980,
1.5841


 14.5559, 3.5508,
1.1844


 11.4511, 8.4207,
1.8849


 15.7457, 1.9671,
1.0725


 10.6137, 9.9893,
2.2571

 16.9960, 0.4205,
1.0094

 9.8997, 11.4387,
2.6960

 18.2991, -1.0883,
0.9883

 9.2552, 12.8939,
3.1287

 19.6487, -2.5611,
1.0032

■ 8.5766, 14.6954,
3.4531

■ 21.0396, -4.0012,
1.0490

■ 8.5215, 14.8555,
3.4735

■ 22.4676, -5.4124,
1.1214

■ 23.9289, -6.7983,
1.2168

■ 25.4206, -8.1626,
1.3321

Harmonies

Analogous

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



13.4358, 4.7089, -1.4678



13.4355, 5.1663, 1.3523



13.4358, 3.9443, 3.5065

Triad

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



13.4358, 5.1657, 1.3526



13.4358, -3.8602, 4.2636



13.4358, -2.7914, -5.0076

Complementary

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



13.4355, 5.1663, 1.3523



16.9240, -5.7588, 0.9057

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.



13.4358, -4.8195, -2.8009



13.4355, 5.1663, 1.3523



13.4358, -5.3997, 2.6120

Square

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



13.4358, 5.1657, 1.3526



13.4358, -1.3804, 4.9449



13.4358, -5.7357, 0.0790



13.4358, -0.0418, -5.5399

Rectangle

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



13.4355, 5.1663, 1.3523



13.4358, 2.3980, 4.4105



13.4358, -5.7357, 0.0790



13.4358, -3.5729, -4.4176

Sweetspot

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



13.4358, 5.1657, 1.3526



21.3428, 1.2171, 1.3220



13.5034, 6.2421, -5.3217



11.2763, 0.6337, 0.6977



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

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



13.4358, 5.1657, 1.3526



15.9425, 8.8125, 2.0499



14.5806, 2.3251, 3.7535



9.4213, 0.1485, 0.5533



14.7628, 25.5742, 7.2727



38.5880, 66.5416, 21.3807

Inverse Universe

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



13.4358, 5.1657, 1.3526



15.9425, 8.8125, 2.0499



15.5150, -2.9785, -2.4606



9.4213, 0.1485, 0.5533



14.7628, 25.5742, 7.2727



38.5880, 66.5416, 21.3807

Previews

White Background



This preview shows how the HunterLab color 13.4355, 5.1663, 1.3523 looks on a white background.

Color Contrast Check

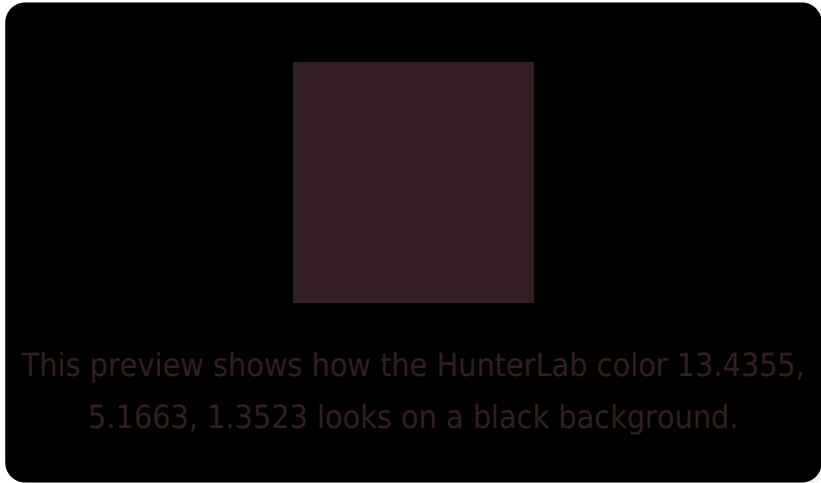
Large Text (above 18pt) WCAG AA ✓ Pass

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 13.4355, 5.1663, 1.3523 Background



This preview shows how black text looks on a background with the HunterLab color 13.4355, 5.1663, 1.3523.

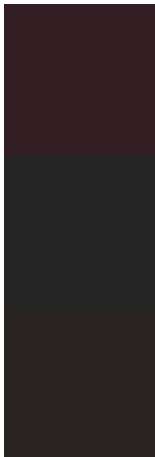


This preview shows how white text looks on a background with the HunterLab color 13.4355, 5.1663,

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

13.4355, 5.1663, 1.3523

Protanopia

13.6249, -0.5977, 0.4056

Deuteranopia

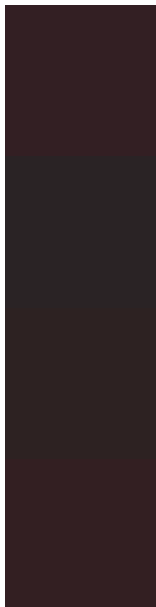
13.5966, 0.2842, 1.7838



Tritanopia

13.4137, 5.0563, 1.6647

Trichromacy



Original Color

13.4355, 5.1663, 1.3523

Protanomaly

13.5199, 1.2908, 0.6779

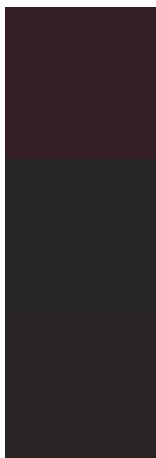
Deuteranomaly

13.4812, 2.1337, 1.6887

Tritanomaly

13.4137, 5.0563, 1.6647

Monochromacy



Original Color

13.4355, 5.1663, 1.3523

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

13.4970, 1.1685, 1.0053

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.4355, 5.1663, 1.3523 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, 31, 35)` looks like.

```
.text, #text, p{  
    color:rgb(51, 31, 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(51, 31, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 31, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 13.4355, 5.1663, 1.3523 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, 31, 35) }
```


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

```
.border{ border-color:rgb(51, 31, 35) }
```

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

Here you see how a box with a 4 pixel rgb(51, 31, 35) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 31, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 31, 35);  
box-shadow:4px 4px 4px 4px rgb(51, 31, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 13.4355, 5.1663, 1.3523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 31, 35) }
```

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

```
.background{ background-color: rgb(51, 31,  
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](#).

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