

Converting Colors

HunterLab(17.0909, -5.6155,
4.7251)

Have a look what the booklet for
HunterLab(17.0909, -5.6155, 4.7251)
contains.

HunterLab(17.1066, -5.5305, 4.6594)	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(17.1066, -5.5305,
4.6594)**

Conversions

Conversions Part 1

Format	Color
Hex	273324
RGB	39, 51, 36
RGB Percent	15%, 20%, 14%
CMY	0.8471, 0.8000, 0.8588
CMYK	0.24, 0.00, 0.29, 0.80
HSL	108°, 17%, 17%
HSV	108°, 29%, 20%
XYZ	2.3390, 2.9264, 2.1106
YIQ	45.7020, -2.3370, -7.2090

Conversions

Conversions Part 2

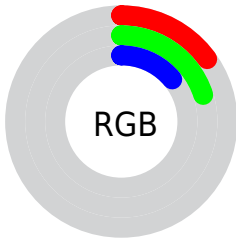
Format	Color
R_{YB}	36, 51, 48
Decimal	2568996
CIE _{Lab}	19.75, -8.65, 7.91
CIE _{LCh}	20, 11.717, 137.559
Yxy	2.9265, 0.3171, 0.3967
Android (android.graphics.Color)	4280759076 (0xFF273324)
YUV	45.7020, -4.7831, -5.8777
Hunter-Lab	17.1066, -5.5305, 4.6594

Details

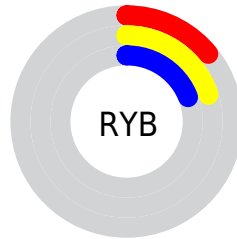
The HunterLab color **17.1066, -5.5305, 4.6594** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.5918, 4.4036, -3.6580**, and the grayscale version is **16.4468, -0.8776, 0.8936**.

A 20% lighter version of the original color is **33.2089, -7.5036, 6.4335**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.7991, -6.8688, 5.6804**, and if you desaturate by 10%, it is **17.4468, -4.0791, 3.5188**.

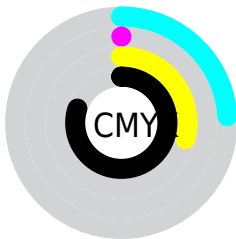
Distribution



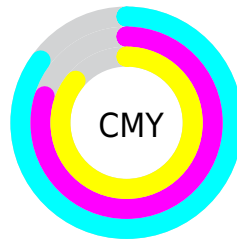
- Red (15%)
- Green (20%)
- Blue (14%)



- Red (14%)
- Yellow (20%)
- Blue (19%)



- Cyan (24%)
- Magenta (0%)
- Yellow (29%)
- Black (80%)



- Cyan (85%)
- Magenta (80%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.1066, -5.5305, 4.6594 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 17.1066, -5.5305, 4.6594 by changing the saturation by 10% instead.

■ 17.1066, -5.5305,
4.6594

■ 17.1066, -5.5305,
4.6594

112.8651,
-15.0472, 13.8281

■ 10.4569, -4.3956,
3.7925

■ 33.3154, -7.6644,
6.6966

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 42.6705, -8.7056,
7.6942

0.0000, NaN, NaN

■ 52.7669, -9.7444,
8.6924

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.5538, -10.7865,
9.6965

0.0000, NaN, NaN

■ 74.9896, -11.8357,
10.7102

0.0000, NaN, NaN

■ 87.0393, -12.8945,

0.0000, NaN, NaN

11.7357

■ 99.6731, -13.9646,
12.7747

■ 17.1066, -5.5305,
4.6594

■ 17.1066, -5.5305,
4.6594

■ 16.7991, -6.8688,
5.6804

■ 17.4468, -4.0791,
3.5188

■ 16.5236, -8.0845,
6.5754

■ 17.8179, -2.5227,
2.2650

■ 16.2805, -9.1707,
7.3405

■ 18.2196, -0.8714,
0.9060

■ 16.0698, -10.1220,
7.9736

■ 18.6509, 0.8651,
-0.5500

■ 15.8910, -10.9349,
8.4751

■ 19.1108, 2.6773,
-2.0946

■ 15.7390, -11.6346,
8.9105

■ 19.5983, 4.5562,
-3.7195

■ 15.6071, -12.2585,
9.3697

■ 20.1122, 6.4932,
-5.4167

■ 15.5999, -12.2926,
9.3974

■ 20.6513, 8.4805,
-7.1787

■ 21.2146, 10.5110,
-8.9984

Harmonies

Analogous

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



17.1070, -2.8658, 5.9135



17.1066, -5.5305, 4.6594



17.1070, -6.9111, 2.2332

Triad

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



17.1070, -5.5309, 4.6596



17.1070, -2.3168, -6.4319



17.1070, 5.8676, 2.7245

Complementary

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



17.1066, -5.5305, 4.6594



14.5918, 4.4036, -3.6580

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.



17.1070, 6.0440, -0.4820



17.1066, -5.5305, 4.6594



17.1070, 1.1300, -6.2280

Square

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



17.1070, -5.5309, 4.6596



17.1070, -5.1564, -4.3996



17.1070, 4.2519, -3.8878



17.1070, 3.7876, 4.9577

Rectangle

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



17.1066, -5.5305, 4.6594



17.1070, -6.9949, 0.0817



17.1070, 4.2519, -3.8878



17.1070, 6.1571, 1.7392

Sweetspot

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



17.1070, -5.5309, 4.6596



22.9570, -3.2629, 2.9285



17.1616, -1.5260, 4.7818



12.1112, -1.7647, 1.5804



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.



17.1070, -5.5309, 4.6596



21.7455, -8.4210, 6.9956



17.0278, -5.6565, 3.2470



9.8292, -1.2828, 1.1604



27.0436, -21.9816, 16.2793



70.7234, -58.7516, 42.5509

Inverse Universe

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



14.5918, 4.4036, -3.6580



17.7334, 7.4670, -6.3303



14.7202, 4.5462, -1.4706



9.4325, 0.2782, -0.1432



14.4232, 29.7300, -29.6699



37.3189, 77.2987, -79.6740

Previews

White Background



This preview shows how the HunterLab color 17.1066, -5.5305, 4.6594 looks on a white background.

Color Contrast Check

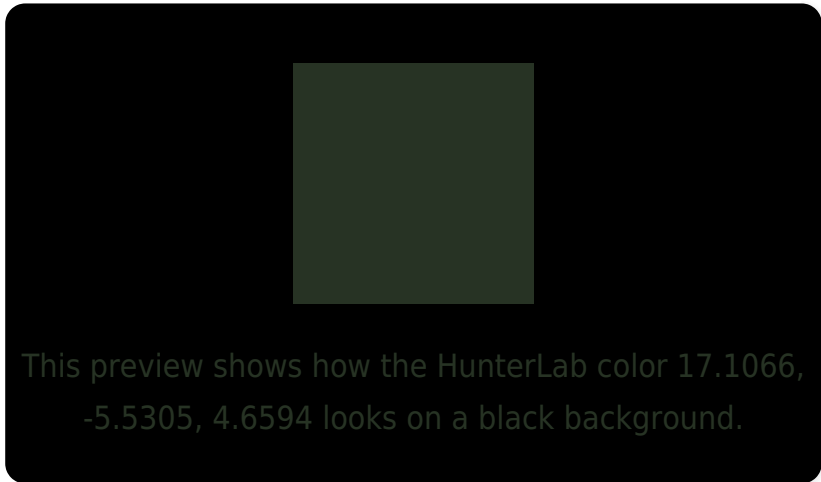
Large Text (above 18pt) WCAG AA ✓ Pass

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

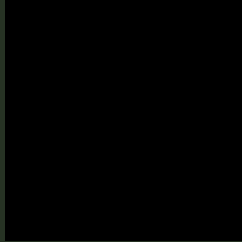
Any Text WCAG AA × Fail

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 17.1066, -5.5305, 4.6594 Background



This preview shows how black text looks on a background with the HunterLab color 17.1066, -5.5305, 4.6594.



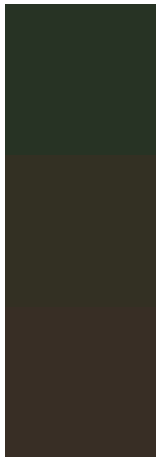
This preview shows how white text looks on a background with the HunterLab color 17.1066, -5.5305,

4.6594.

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

17.1066, -5.5305, 4.6594

Protanopia

17.1437, -1.6229, 5.0362

Deuteranopia

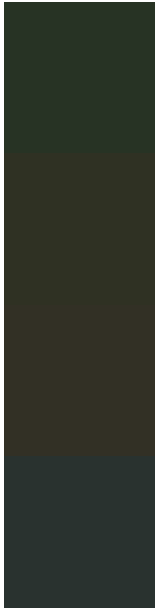
17.1123, 0.7397, 4.4932



Tritanopia

17.1636, -2.0008, -1.0938

Trichromacy



Original Color

17.1066, -5.5305, 4.6594

Protanomaly

17.0948, -3.0389, 4.9655

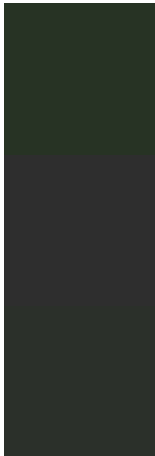
Deuteranomaly

17.1043, -1.6901, 4.4430

Tritanomaly

17.1984, -3.4428, 1.2661

Monochromacy



Original Color

17.1066, -5.5305, 4.6594

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.7172, -2.8694, 2.4820

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.1066, -5.5305, 4.6594 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(39, 51, 36)` looks like.

```
.text, #text, p{  
    color:rgb(39, 51, 36)  
}
```

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(39, 51, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 51, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 17.1066, -5.5305, 4.6594 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(39, 51, 36) }
```


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

```
.border{ border-color:rgb(39, 51, 36) }
```

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

Here you see how a box with a 4 pixel rgb(39, 51, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 51, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 51, 36);  
box-shadow:4px 4px 4px 4px rgb(39, 51, 36)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.1066, -5.5305, 4.6594 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 51, 36) }
```

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

```
.background{ background-color: rgb(39, 51,  
36) }
```

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