

Converting Colors

HunterLab(17.3168, -2.9037,
0.5240)

Have a look what the booklet for
HunterLab(17.3168, -2.9037, 0.5240)
contains.

HunterLab(17.3066, -2.9564, 0.6579)	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(17.3066, -2.9564,
0.6579)**

Conversions

Conversions Part 1

Format	Color
Hex	2A3231
RGB	42, 50, 49
RGB Percent	16%, 20%, 19%
CMY	0.8353, 0.8039, 0.8078
CMYK	0.16, 0.00, 0.02, 0.80
HSL	172°, 9%, 18%
HSV	172°, 16%, 20%
XYZ	2.6498, 2.9952, 3.3442
YIQ	47.4940, -4.4470, -2.0070

Conversions

Conversions Part 2

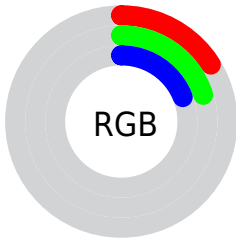
Format	Color
RYB	42, 46, 50
Decimal	2765361
CIELab	20.03, -3.67, -0.52
CIELCh	20, 3.705, 188.094
Yxy	2.9953, 0.2948, 0.3332
Android (android.graphics.Color)	4280955441 (0xFF2A3231)
YUV	47.4940, 0.7425, -4.8182
Hunter-Lab	17.3066, -2.9564, 0.6579

Details

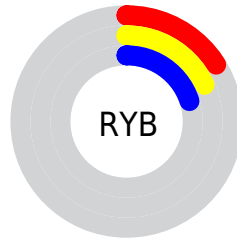
The HunterLab color **17.3066, -2.9564, 0.6579** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.8383, 1.3542, 1.2271**, and the grayscale version is **17.0229, -0.9083, 0.9249**.

A 20% lighter version of the original color is **33.4936, -4.3665, 1.3972**, and **0.4681, 1.2698, -3.3263** is the 20% darker color. If you saturate the color by 10%, you get **17.0033, -4.0896, 0.5131**, and if you desaturate by 10%, it is **17.6429, -1.7305, 0.8420**.

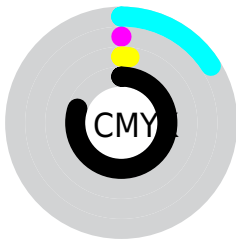
Distribution



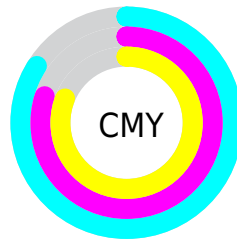
- Red (16%)
- Green (20%)
- Blue (19%)



- Red (16%)
- Yellow (18%)
- Blue (20%)



- Cyan (16%)
- Magenta (0%)
- Yellow (2%)
- Black (80%)



- Cyan (84%)
- Magenta (80%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.3066, -2.9564, 0.6579 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 17.3066, -2.9564, 0.6579 by changing the saturation by 10% instead.

■ 17.3066, -2.9564,
0.6579

■ 17.3066, -2.9564,
0.6579

■ 113.2397, -9.9145,
5.6361

■ 10.6268, -2.2792,
0.3364

■ 33.5650, -4.3488,
1.4740

■ 0.5271, -0.9225,
-4.0736

■ 42.9414, -5.0748,
1.9545

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.0577, -5.8234,
2.4775

0.0000, NaN, NaN

■ 63.8632, -6.5952,
3.0397

0.0000, NaN, NaN

■ 75.3165, -7.3904,
3.6386

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 87.3828, -8.2089,

4.2721

0.0000, NaN, NaN

100.0325, -9.0503,
4.9385

17.3066, -2.9564,
0.6579

17.3066, -2.9564,
0.6579

17.0033, -4.0896,
0.5131

17.6429, -1.7305,
0.8420

16.7324, -5.1223,
0.4080

18.0107, -0.4185,
1.0632

16.4941, -6.0492,
0.3434

18.4096, 0.9716,
1.3199

16.2883, -6.8658,
0.3194

18.8386, 2.4317,
1.6100

16.1144, -7.5696,
0.3351

19.2969, 3.9542,
1.9315

■ 15.9713, -8.1600,
0.3895

■ 19.7834, 5.5315,
2.2820

■ 15.8526, -8.6599,
0.4735

■ 20.2970, 7.1567,
2.6594

■ 15.7354, -9.1572,
0.5586

■ 20.8365, 8.8232,
3.0615

■ 15.6884, -9.3580,
0.5921

■ 21.4007, 10.5254,
3.4861

Harmonies

Analogous

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



17.3070, -2.8318, 1.6716



17.3066, -2.9564, 0.6579



17.3070, -2.5478, -0.3376

Triad

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



17.3070, -2.9567, 0.6582



17.3070, 0.3917, -0.7067



17.3070, -0.1331, 2.6965

Complementary

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



17.3066, -2.9564, 0.6579



15.8383, 1.3542, 1.2271

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.



17.3070, 0.7612, 2.1309



17.3066, -2.9564, 0.6579



17.3070, 1.0694, 0.1793

Square

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



17.3070, -2.9567, 0.6582



17.3070, -0.6274, -1.1569



17.3070, 1.2063, 1.2212



17.3070, -1.2193, 2.8071

Rectangle

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



17.3066, -2.9564, 0.6579



17.3070, -2.0214, -0.8429



17.3070, 1.2063, 1.2212



17.3070, 0.2007, 2.5551

Sweetspot

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



17.3070, -2.9567, 0.6582



22.3154, -2.0644, 1.0828



17.2149, -3.6058, 3.0002



12.2439, -1.1464, 0.5921



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.



17.3070, -2.9567, 0.6582



21.7014, -4.3126, 0.7531



16.6162, -1.6868, -0.5586



9.8457, -1.1298, 0.4468



27.8168, -16.7777, 1.4497



72.9375, -44.4250, 4.7354

Inverse Universe

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



15.8383, 1.3542, 1.2271



19.4006, 2.4484, 1.6476



16.4835, 0.0592, 2.2789



9.4172, 0.1262, 0.6121



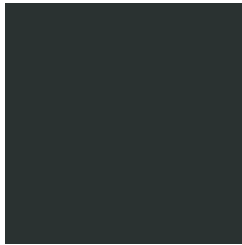
14.6996, 25.3405, 8.2042



38.4618, 66.0741, 23.2476

Previews

White Background



This preview shows how the HunterLab color 17.3066, -2.9564, 0.6579 looks on a white background.

Color Contrast Check

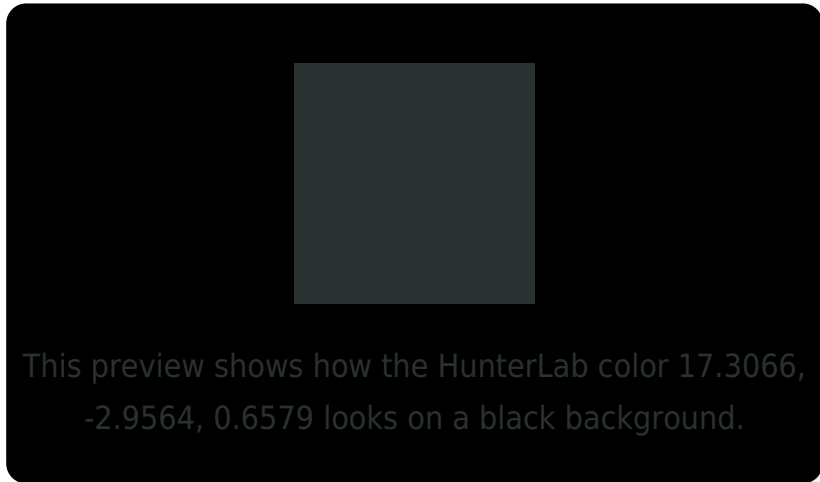
Large Text (above 18pt) WCAG AA ✓ Pass

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

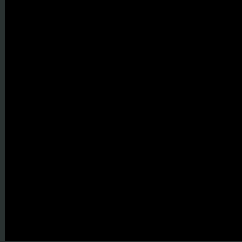
Any Text WCAG AA × Fail

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 17.3066, -2.9564, 0.6579 Background



This preview shows how black text looks on a background with the HunterLab color 17.3066, -2.9564, 0.6579.

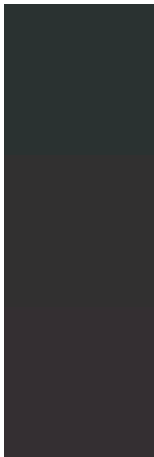


This preview shows how white text looks on a background with the HunterLab color 17.3066, -2.9564,

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

17.3066, -2.9564, 0.6579

Protanopia

17.2635, -0.6696, 1.0223

Deuteranopia

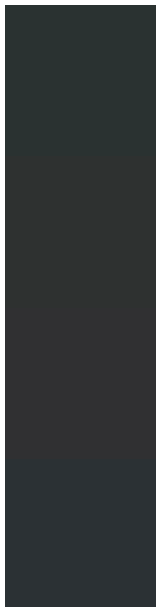
17.3014, 0.7606, 0.3333



Tritanopia

17.2257, -1.7813, -1.0098

Trichromacy



Original Color

17.3066, -2.9564, 0.6579

Protanomaly

17.2941, -1.7928, 1.0385

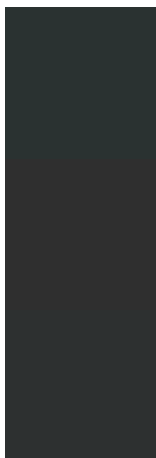
Deuteranomaly

17.2411, -0.6490, 0.2354

Tritanomaly

17.1993, -1.9277, -0.6351

Monochromacy



Original Color

17.3066, -2.9564, 0.6579

Achromatopsia

16.8600, -0.8996, 0.9160

Achromatomaly

16.9859, -1.6392, 0.6773

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.3066, -2.9564, 0.6579 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(42, 50, 49)` looks like.

```
.text, #text, p{  
    color:rgb(42, 50, 49)  
}
```

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(42, 50, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 50, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 17.3066, -2.9564, 0.6579 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(42, 50, 49) }
```


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

```
.border{ border-color:rgb(42, 50, 49) }
```

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

Here you see how a box with a 4 pixel rgb(42, 50, 49) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 50, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 50, 49);  
box-shadow:4px 4px 4px 4px rgb(42, 50, 49)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.3066, -2.9564, 0.6579 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 50, 49) }
```

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

```
.background{ background-color: rgb(42, 50,  
49) }
```

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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