

Converting Colors

HunterLab(17.7561, -2.9765,
3.9449)

Have a look what the booklet for
HunterLab(17.7561, -2.9765, 3.9449)
contains.

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Color

**HunterLab(17.7655, -2.9264,
3.8946)**

Conversions

Conversions Part 1

Format	Color
Hex	303329
RGB	48, 51, 41
RGB Percent	19%, 20%, 16%
CMY	0.8118, 0.8000, 0.8392
CMYK	0.06, 0.00, 0.20, 0.80
HSL	78°, 11%, 18%
HSV	78°, 20%, 20%
XYZ	2.8030, 3.1561, 2.5593
YIQ	48.9630, 1.4220, -3.7460

Conversions

Conversions Part 2

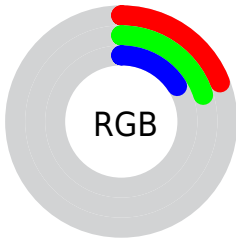
Format	Color
R_YB	41, 51, 44
Decimal	3158825
CIE Lab	20.66, -3.53, 5.91
CIE LCh	21, 6.890, 120.865
Yxy	3.1563, 0.3291, 0.3705
Android (android.graphics.Color)	4281348905 (0xFF303329)
YUV	48.9630, -3.9258, -0.8446
Hunter-Lab	17.7655, -2.9264, 3.8946

Details

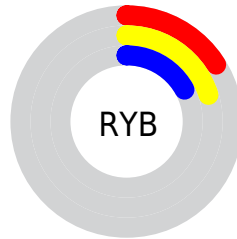
The HunterLab color **17.7655, -2.9264, 3.8946** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **15.3638, 1.3378, -2.5967**, and the grayscale version is **17.5256, -0.9351, 0.9522**.

A 20% lighter version of the original color is **34.0602, -4.2082, 5.5884**, and **3.2946, -2.8251, 1.9806** is the 20% darker color. If you saturate the color by 10%, you get **17.5680, -3.8310, 5.1523**, and if you desaturate by 10%, it is **17.9780, -1.9591, 2.4850**.

Distribution



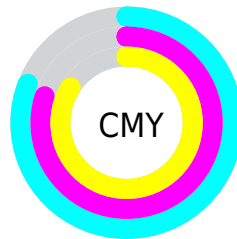
- Red (19%)
- Green (20%)
- Blue (16%)



- Red (16%)
- Yellow (20%)
- Blue (17%)



- Cyan (6%)
- Magenta (0%)
- Yellow (20%)
- Black (80%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.7655, -2.9264, 3.8946 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 17.7655, -2.9264, 3.8946 by changing the saturation by 10% instead.

■ 17.7655, -2.9264,
3.8946

■ 17.7655, -2.9264,
3.8946

■ 114.0954, -9.8297,
12.0345

■ 11.0175, -2.2610,
3.0231

■ 34.1364, -4.3019,
5.6234

■ 2.7014, -4.7274,
1.8910

■ 43.5615, -5.0210,
6.4932

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 53.7229, -5.7634,
7.3749

0.0000, NaN, NaN

■ 64.5706, -6.5296,
8.2716

0.0000, NaN, NaN

■ 76.0637, -7.3196,
9.1851

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 88.1679, -8.1331,

10.1163

0.0000, NaN, NaN

100.8536, -8.9700,
11.0660

17.7655, -2.9264,
3.8946

17.7655, -2.9264,
3.8946

17.5680, -3.8310,
5.1523

17.9780, -1.9591,
2.4850

17.3844, -4.6699,
6.2562

18.2043, -0.9295,
0.9248

17.2148, -5.4427,
7.2068

18.4449, 0.1596,
-0.7824

17.0591, -6.1488,
8.0054

18.6995, 1.3058,
-2.6330

16.9169, -6.7883,
8.6551

18.9680, 2.5065,
-4.6225

■ 16.7879, -7.3623,
9.1609

■ 19.2503, 3.7588,
-6.7458

■ 16.6674, -7.8968,
9.5908

■ 19.5461, 5.0600,
-8.9977

■ 16.5497, -8.4254,
10.0298

■ 19.8551, 6.4070,
-11.3724

■ 16.5451, -8.4459,
10.0472

■ 20.1772, 7.7971,
-13.8644

Harmonies

Analogous

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



17.7659, -1.0084, 4.3236



17.7655, -2.9264, 3.8946



17.7659, -4.2635, 2.6980

Triad

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



17.7659, -2.9268, 3.8948



17.7659, -2.8281, -2.6312



17.7659, 3.1681, 1.0236

Complementary

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



17.7655, -2.9264, 3.8946



15.3638, 1.3378, -2.5967

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.



17.7659, 2.6281, -0.9578



17.7655, -2.9264, 3.8946



17.7659, -0.8893, -3.2071

Square

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



17.7659, -2.9268, 3.8948



17.7659, -4.2084, -1.0669



17.7659, 1.1196, -2.5633



17.7659, 2.5640, 2.7857

Rectangle

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



17.7655, -2.9264, 3.8946



17.7659, -4.6767, 1.5523



17.7659, 1.1196, -2.5633



17.7659, 3.1141, 0.3612

Sweetspot

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



17.7659, -2.9268, 3.8948



23.2602, -2.0959, 2.5609



16.3260, 0.5813, 2.4515



12.2820, -1.1037, 1.3477



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.



17.7659, -2.9268, 3.8948



22.7466, -4.4397, 5.9582



17.4399, -4.1086, 3.5424



9.9086, -1.0015, 1.2534



28.6805, -15.2806, 17.4053



74.9292, -41.4532, 45.4453

Inverse Universe

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



15.3638, 1.3378, -2.5967



18.7837, 2.6126, -4.7959



15.7415, 2.5838, -2.0521



9.3482, -0.0093, -0.2539



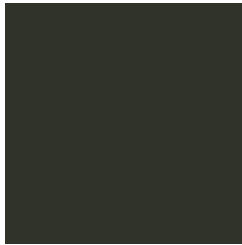
9.7752, 24.1617, -51.2127



24.7429, 62.5671, -140.5527

Previews

White Background



This preview shows how the HunterLab color 17.7655, -2.9264, 3.8946 looks on a white background.

Color Contrast Check

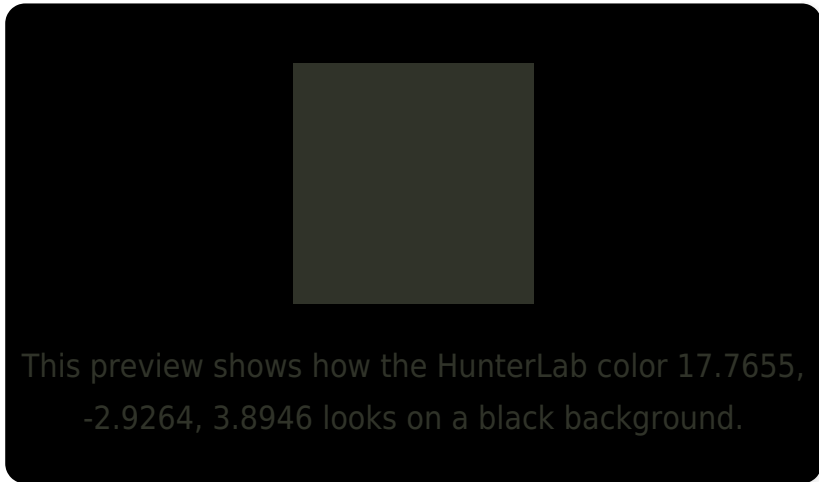
Large Text (above 18pt) WCAG AA ✓ Pass

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

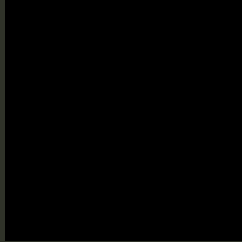
Any Text WCAG AA × Fail

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 17.7655, -2.9264, 3.8946 Background



This preview shows how black text looks on a background with the HunterLab color 17.7655, -2.9264, 3.8946.

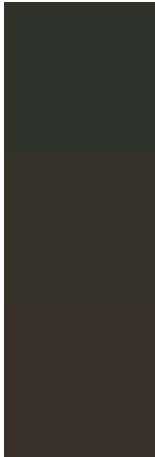


This preview shows how white text looks on a background with the HunterLab color 17.7655, -2.9264, 3.8946.

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

17.7655, -2.9264, 3.8946

Protanopia

17.8642, -1.3680, 4.3212

Deuteranopia

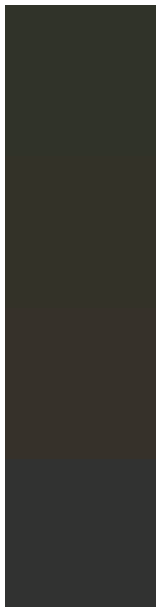
17.7509, 0.7348, 3.6344



Tritanopia

17.6968, -0.1418, -0.3822

Trichromacy



Original Color

17.7655, -2.9264, 3.8946

Protanomaly

17.7150, -1.8926, 4.1640

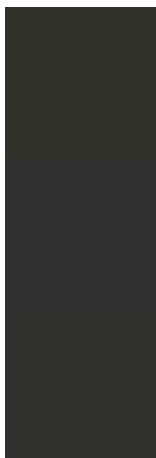
Deuteranomaly

17.7428, -0.4908, 3.6046

Tritanomaly

17.7649, -1.3307, 1.2256

Monochromacy



Original Color

17.7655, -2.9264, 3.8946

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.6958, -1.7114, 2.2139

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.7655, -2.9264, 3.8946 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(48, 51, 41)` looks like.

```
.text, #text, p{  
    color:rgb(48, 51, 41)  
}
```

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(48, 51, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 51, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 17.7655, -2.9264, 3.8946 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(48, 51, 41) }
```


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

```
.border{ border-color:rgb(48, 51, 41) }
```

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

Here you see how a box with a 4 pixel rgb(48, 51, 41) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 51, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 51, 41);  
box-shadow:4px 4px 4px 4px rgb(48, 51, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.7655, -2.9264, 3.8946 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 51, 41) }
```

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

```
.background{ background-color: rgb(48, 51,  
41) }
```

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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