

Converting Colors

HunterLab(17.1224, 5.8778,
-3.0451)

Have a look what the booklet for
HunterLab(17.1224, 5.8778, -3.0451)
contains.

HunterLab(17.0941, 6.1649, -3.2429)	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(17.0941, 6.1649,
-3.2429)**

Conversions

Conversions Part 1

Format	Color
Hex	3C2A3A
RGB	60, 42, 58
RGB Percent	24%, 16%, 23%
CMY	0.7647, 0.8353, 0.7725
CMYK	0.00, 0.30, 0.03, 0.76
HSL	307°, 18%, 20%
HSV	307°, 30%, 24%
XYZ	3.4552, 2.9221, 4.3849
YIQ	49.2060, 5.5920, 8.7920

Conversions

Conversions Part 2

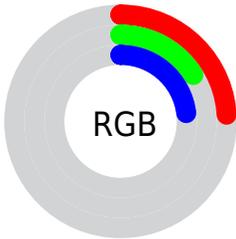
Format	Color
RYB	60, 42, 58
Decimal	3942970
CIELab	19.73, 11.63, -6.95
CIELCh	20, 13.547, 329.129
Yxy	2.9222, 0.3210, 0.2715
Android (android.graphics.Color)	4282133050 (0xFF3C2A3A)
YUV	49.2060, 4.3354, 9.4663
Hunter-Lab	17.0941, 6.1649, -3.2429

Details

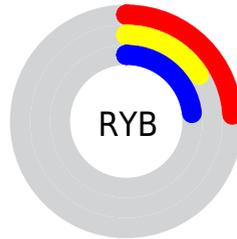
The HunterLab color **17.0941, 6.1649, -3.2429** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **19.7634, -7.2604, 4.9018**, and the grayscale version is **17.5790, -0.9380, 0.9551**.

A 20% lighter version of the original color is **33.4477, 6.7014, -2.9626**, and **4.0384, 7.7699, -4.0106** is the 20% darker color. If you saturate the color by 10%, you get **15.8785, 8.6501, -4.6815**, and if you desaturate by 10%, it is **18.4039, 3.6925, -1.7795**.

Distribution



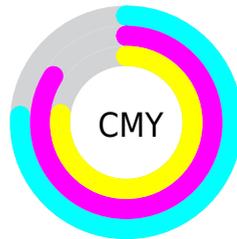
- Red (24%)
- Green (16%)
- Blue (23%)



- Red (24%)
- Yellow (16%)
- Blue (23%)



- Cyan (0%)
- Magenta (30%)
- Yellow (3%)
- Black (76%)



- Cyan (76%)
- Magenta (84%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 17.0941, 6.1649, -3.2429 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 17.0941, 6.1649, -3.2429 by changing the saturation by 10% instead.

■ 17.0941, 6.1649,
-3.2429

■ 17.0941, 6.1649,
-3.2429

■ 112.8417, 6.5619,
-1.0924

■ 10.4463, 5.6213,
-3.1241

■ 33.2998, 6.8290,
-3.1985

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.6535, 7.0022,
-3.0622

0.0000, NaN, NaN

■ 52.7487, 7.0908,
-2.8620

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.5345, 7.1054,
-2.6045

0.0000, NaN, NaN

■ 74.9692, 7.0541,
-2.2951

0.0000, NaN, NaN

■ 87.0178, 6.9431,

0.0000, NaN, NaN

-1.9377

99.6506, 6.7777,
-1.5358

17.0941, 6.1649,
-3.2429

17.0941, 6.1649,
-3.2429

15.8785, 8.6501,
-4.6815

18.4039, 3.6925,
-1.7795

14.7695, 11.1120,
-6.0692

19.7950, 1.2560,
-0.3100

13.7823, 13.4914,
-7.3661

21.2575, -1.1348,
1.1553

12.9320, 15.7058,
-8.5202

22.7830, -3.4762,
2.6106

12.2323, 17.6519,
-9.4700

24.3643, -5.7691,
4.0534

■ 11.6503, 19.3636,
-10.2431

■ 25.9953, -8.0166,
5.4829

■ 11.0491, 21.2753,
-11.1090

■ 27.6709, -10.2229,
6.8995

■ 11.0489, 21.2757,
-11.1092

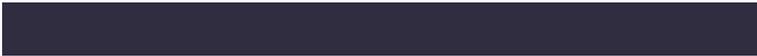
■ 29.3870, -12.3925,
8.3042

■ 31.1400, -14.5300,
9.6983

Harmonies

Analogous

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



17.0945, 2.9742, -6.7290



17.0941, 6.1649, -3.2429



17.0945, 7.4321, 0.8194

Triad

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



17.0945, 6.1644, -3.2425



17.0945, -0.7965, 6.7267



17.0945, -7.0979, -3.0063

Complementary

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



17.0941, 6.1649, -3.2429



19.7634, -7.2604, 4.9018

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.



17.0945, -7.9121, 1.0408



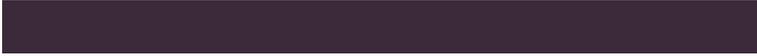
17.0941, 6.1649, -3.2429



17.0945, -4.4812, 6.1467

Square

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



17.0945, 6.1644, -3.2425



17.0945, 3.1939, 6.0741



17.0945, -6.9985, 4.2605



17.0945, -4.6655, -6.5721

Rectangle

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



17.0941, 6.1649, -3.2429



17.0945, 6.9352, 3.1484



17.0945, -6.9985, 4.2605



17.0945, -7.5595, -1.6312

Sweetspot

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



17.0945, 6.1644, -3.2425



26.1622, 1.4730, -0.2984



15.8537, 2.3616, -6.1776



13.7960, 0.8931, -0.2266



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



17.0945, 6.1644, -3.2425



21.2528, 10.6418, -5.7355



16.8528, 4.9324, 0.1698



10.9044, 0.4822, -0.0459



17.4247, 33.5016, -17.1218



44.2110, 84.8508, -42.2694

Inverse Universe

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



17.0945, 6.1644, -3.2425



21.2528, 10.6418, -5.7355



19.9481, -6.1958, 2.2437



10.9044, 0.4822, -0.0459



17.4247, 33.5016, -17.1218



44.2110, 84.8508, -42.2694

Previews

White Background



This preview shows how the HunterLab color 17.0941, 6.1649, -3.2429 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



This preview shows how the HunterLab color 17.0941, 6.1649, -3.2429 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

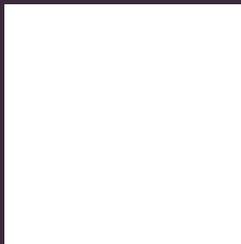
Any Text WCAG AAA × Fail

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

HunterLab 17.0941, 6.1649, -3.2429 Background



This preview shows how black text looks on a background with the HunterLab color 17.0941, 6.1649, -3.2429.



This preview shows how white text looks on a background with the HunterLab color 17.0941, 6.1649,

-3.2429.

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

17.0941, 6.1649, -3.2429

Protanopia

17.0772, 0.6857, -5.2880

Deuteranopia

17.1954, 0.7798, -2.7375



Tritanopia

17.1359, 3.5268, 1.3158

Trichromacy



Original Color

17.0941, 6.1649, -3.2429

Protanomaly

17.0053, 2.7395, -4.8662

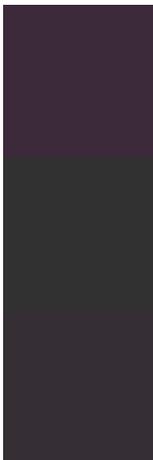
Deuteranomaly

17.0360, 2.5958, -2.9289

Tritanomaly

17.0193, 4.4603, -0.3455

Monochromacy



Original Color

17.0941, 6.1649, -3.2429

Achromatopsia

17.5253, -0.9351, 0.9522

Achromatomaly

17.2012, 1.7043, -0.5691

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.0941, 6.1649, -3.2429 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(60, 42, 58)` looks like.

```
.text, #text, p{  
    color:rgb(60, 42, 58)  
}
```

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(60, 42, 58) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(60, 42, 58) }
```

Border

The CSS property to change the border of an element to HunterLab 17.0941, 6.1649, -3.2429 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(60, 42, 58) }
```

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

```
.border{ border-color:rgb(60, 42, 58) }
```

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

Here you see how a box with a 4 pixel rgb(60, 42, 58) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(60, 42, 58); -webkit-box-  
shadow:4px 4px 4px 4px rgb(60, 42, 58);  
box-shadow:4px 4px 4px 4px rgb(60, 42, 58)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 17.0941, 6.1649, -3.2429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(60, 42, 58) }
```

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

```
.background{ background-color: rgb(60, 42,  
58) }
```

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