

Converting Colors

HunterLab(16.7261, 14.1422,
-6.6404)

Have a look what the booklet for
HunterLab(16.7261, 14.1422,
-6.6404) contains.

HunterLab(16.7256, 14.1427, -6.6404)	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(16.7256, 14.1427,
-6.6404)**

Conversions

Conversions Part 1

Format	Color
Hex	472140
RGB	71, 33, 64
RGB Percent	28%, 13%, 25%
CMY	0.7216, 0.8706, 0.7490
CMYK	0.00, 0.54, 0.10, 0.72
HSL	311°, 37%, 20%
HSV	311°, 54%, 28%
XYZ	4.0678, 2.7975, 5.1760
YIQ	47.8960, 12.6970, 17.6970

Conversions

Conversions Part 2

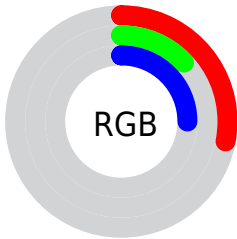
Format	Color
RYB	71, 33, 64
Decimal	4661568
CIELab	19.21, 23.11, -11.74
CIELCh	19, 25.920, 333.076
Yxy	2.7976, 0.3378, 0.2323
Android (android.graphics.Color)	4282851648 (0xFF472140)
YUV	47.8960, 7.9393, 20.2622
Hunter-Lab	16.7256, 14.1427, -6.6404

Details

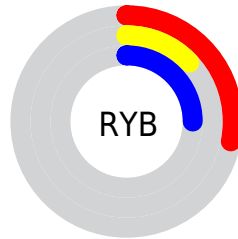
The HunterLab color **16.7256, 14.1427, -6.6404** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **22.3228, -12.9686, 8.1958**, and the grayscale version is **17.1293, -0.9140, 0.9307**.

A 20% lighter version of the original color is **32.9040, 16.2274, -7.0624**, and **5.6492, 10.6999, -4.2981** is the 20% darker color. If you saturate the color by 10%, you get **15.5869, 16.8634, -7.8171**, and if you desaturate by 10%, it is **18.0258, 11.2718, -5.2988**.

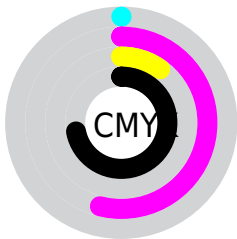
Distribution



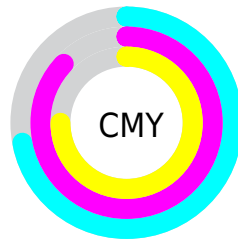
- Red (28%)
- Green (13%)
- Blue (25%)



- Red (28%)
- Yellow (13%)
- Blue (25%)



- Cyan (0%)
- Magenta (54%)
- Yellow (10%)
- Black (72%)



- Cyan (72%)
- Magenta (87%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.7256, 14.1427, -6.6404 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 16.7256, 14.1427, -6.6404 by changing the saturation by 10% instead.

■ 16.7256, 14.1427,
-6.6404

■ 16.7256, 14.1427,
-6.6404

■ 112.1486, 19.5131,
-6.3569

■ 10.1341, 12.9242,
-6.3063

■ 32.8390, 16.1034,
-7.0599

0.0000, INF, -NF

0.0000, NaN, NaN

■ 42.1529, 16.8775,
-7.1475

0.0000, NaN, NaN

■ 52.2112, 17.5369,
-7.1628

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 62.9625, 18.0955,
-7.1126

0.0000, NaN, NaN

■ 74.3646, 18.5642,
-7.0025

0.0000, NaN, NaN

■ 86.3824, 18.9521,

0.0000, NaN, NaN

-6.8372

98.9857, 19.2663,
-6.6209

16.7256, 14.1427,
-6.6404

16.7256, 14.1427,
-6.6404

15.5869, 16.8634,
-7.8171

18.0258, 11.2718,
-5.2988

14.6279, 19.3168,
-8.7633

19.4666, 8.3409,
-3.8489

13.8651, 21.3623,
-9.4080

21.0299, 5.4072,
-2.3310

13.2396, 23.1009,
-9.8260

22.6996, 2.5049,
-0.7734

12.8230, 24.3357,
-10.1322

24.4620, -0.3485,
0.8055

■ 26.3054, -3.1460,
2.3942

■ 28.2201, -5.8872,
3.9858

■ 30.1981, -8.5750,
5.5765

■ 32.2328, -11.2143,
7.1646

Harmonies

Analogous

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



16.7260, 7.8029, -15.3172



16.7256, 14.1427, -6.6404



16.7260, 16.2391, 1.6357

Triad

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



16.7260, 14.1420, -6.6399



16.7260, -1.6663, 9.9125



16.7260, -11.4150, -8.5318

Complementary

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



16.7256, 14.1427, -6.6404



22.3228, -12.9686, 8.1958

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.



16.7260, -13.0752, 0.1512



16.7256, 14.1427, -6.6404



16.7260, -8.1108, 8.8808

Square

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



16.7260, 14.1420, -6.6399



16.7260, 6.2114, 9.2255



16.7260, -11.9817, 6.0398



16.7260, -6.9801, -16.7085

Rectangle

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



16.7256, 14.1427, -6.6404



16.7260, 14.6920, 5.4744



16.7260, -11.9817, 6.0398



16.7260, -12.2765, -5.4675

Sweetspot

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



16.7260, 14.1420, -6.6399



28.8294, 4.4219, -1.6379



14.1182, 7.5978, -16.2021



14.4806, 2.3883, -0.9106



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



16.7260, 14.1420, -6.6399



19.8724, 22.9182, -10.5652



16.1776, 11.5960, 1.0601



12.3747, 0.5747, 0.0009



18.0944, 34.2811, -13.8410



44.5325, 84.1421, -32.2988

Inverse Universe

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



16.7260, 14.1420, -6.6399



19.8724, 22.9182, -10.5652



22.6833, -10.8228, 2.9843



12.3747, 0.5747, 0.0009



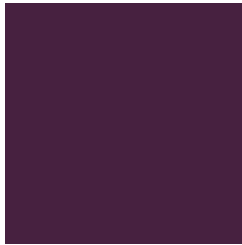
18.0944, 34.2811, -13.8410



44.5325, 84.1421, -32.2988

Previews

White Background



This preview shows how the HunterLab color 16.7256, 14.1427, -6.6404 looks on a white background.

Color Contrast Check

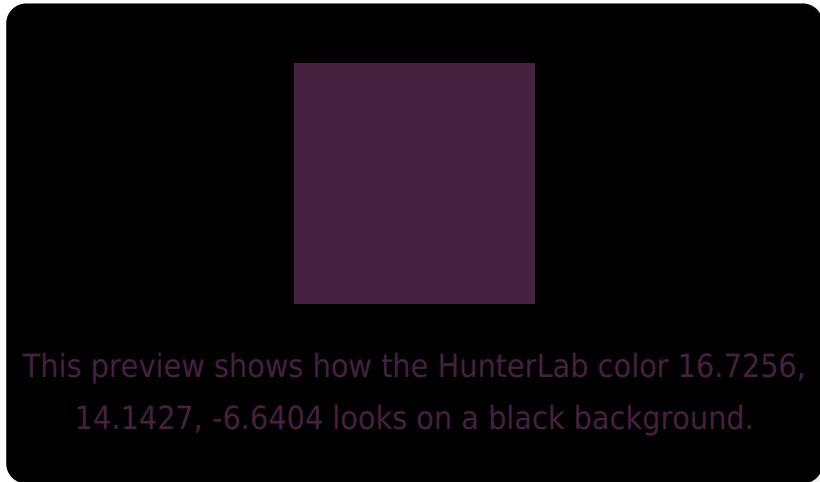
Large Text (above 18pt) WCAG AA ✓ Pass

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

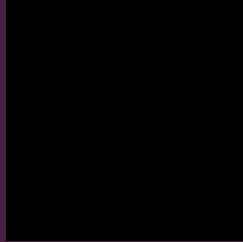
Any Text WCAG AA × Fail

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 16.7256, 14.1427, -6.6404 Background



This preview shows how black text looks on a background with the HunterLab color 16.7256, 14.1427, -6.6404.



This preview shows how white text looks on a background with the HunterLab color 16.7256, 14.1427, -6.6404.

-6.6404.

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

16.7256, 14.1427, -6.6404

Protanopia

16.8976, 2.2250, -12.9053

Deuteranopia

17.0772, 0.6857, -5.2880



Tritanopia

16.7676, 8.4227, 3.0617

Trichromacy



Original Color

16.7256, 14.1427, -6.6404

Protanomaly

16.4127, 6.0462, -11.3153

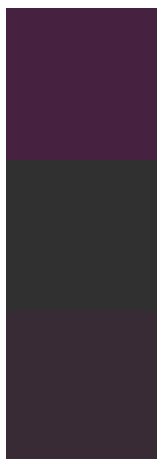
Deuteranomaly

16.7305, 5.3590, -6.2623

Tritanomaly

16.6901, 10.4818, 0.1455

Monochromacy



Original Color

16.7256, 14.1427, -6.6404

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

16.8370, 4.0430, -1.8442

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.7256, 14.1427, -6.6404 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(71, 33, 64)` looks like.

```
.text, #text, p{  
    color:rgb(71, 33, 64)  
}
```

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(71, 33, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 33, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 16.7256, 14.1427, -6.6404 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(71, 33, 64) }
```


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

```
.border{ border-color:rgb(71, 33, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 33, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 33, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 33, 64);  
box-shadow:4px 4px 4px 4px rgb(71, 33, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.7256, 14.1427, -6.6404 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 33, 64) }
```

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

```
.background{ background-color: rgb(71, 33,  
64) }
```

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