

Converting Colors

HunterLab(16.0980, 13.8236,
7.0830)

Have a look what the booklet for
HunterLab(16.0980, 13.8236,
7.0830) contains.

HunterLab(16.1334, 14.0142, 7.2077)	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(16.1334, 14.0142,
7.2077)**

Conversions

Conversions Part 1

Format	Color
Hex	4F1D17
RGB	79, 29, 23
RGB Percent	31%, 11%, 9%
CMY	0.6902, 0.8863, 0.9098
CMYK	0.00, 0.63, 0.71, 0.69
HSL	6°, 55%, 20%
HSV	6°, 71%, 31%
XYZ	3.8185, 2.6029, 1.1118
YIQ	43.2660, 31.7260, 8.7340

Conversions

Conversions Part 2

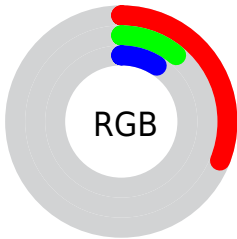
Format	Color
RYB	79, 30, 23
Decimal	5184791
CIELab	18.38, 23.07, 15.88
CIELCh	18, 28.005, 34.552
Yxy	2.6030, 0.5069, 0.3455
Android (android.graphics.Color)	4283374871 (0xFF4F1D17)
YUV	43.2660, -9.9911, 31.3387
Hunter-Lab	16.1334, 14.0142, 7.2077

Details

The HunterLab color **16.1334, 14.0142, 7.2077** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **23.4763, -9.5523, -4.3829**, and the grayscale version is **15.6546, -0.8353, 0.8505**.

A 20% lighter version of the original color is **32.1419, 16.0313, 10.5787**, and **5.2746, 9.0744, 3.0862** is the 20% darker color. If you saturate the color by 10%, you get **15.0630, 16.2689, 7.7729**, and if you desaturate by 10%, it is **17.3949, 11.6626, 6.5278**.

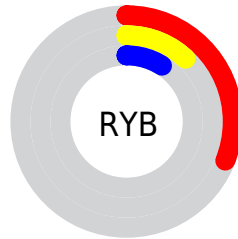
Distribution



Red (31%)

Green (11%)

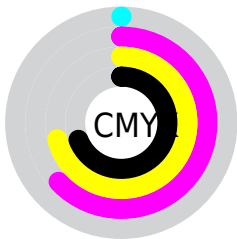
Blue (9%)



Red (31%)

Yellow (12%)

Blue (9%)

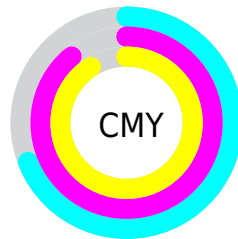


Cyan (0%)

Magenta (63%)

Yellow (71%)

Black (69%)



Cyan (69%)

Magenta (89%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.1334, 14.0142, 7.2077 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 16.1334, 14.0142, 7.2077 by changing the saturation by 10% instead.

16.1334, 14.0142,
7.2077

16.1334, 14.0142,
7.2077

111.0272, 19.4432,
20.8193

9.6342, 12.7844,
6.7439

32.0960, 15.9951,
10.5944

0.0000, INF, NaN

0.0000, NaN, NaN

41.3448, 16.7772,
12.1472

0.0000, NaN, NaN

51.3430, 17.4436,
13.6482

0.0000, NaN, NaN

0.0000, NaN, NaN

62.0381, 18.0081,
15.1145

0.0000, NaN, NaN


0.0000, NaN, NaN


73.3873, 18.4820,
16.5578


0.0000, NaN, NaN


85.3548, 18.8744,


17.9860

 97.9102, 19.1927,
19.4051


 16.1334, 14.0142,
7.2077


 16.1334, 14.0142,
7.2077

 15.0630, 16.2689,
7.7729


 17.3949, 11.6626,
6.5278


 14.2013, 18.3011,
8.2080

 18.8233, 9.3078,
5.7703

 13.5871, 19.7910,
8.7188

 20.3966, 7.0048,
4.9653

 22.0950, 4.7835,
4.1339

 23.9014, 2.6555,
3.2899

■ 25.8013, 0.6215,
2.4417

■ 27.7829, -1.3237,
1.5942

■ 29.8363, -3.1883,
0.7497

■ 31.9534, -4.9812,
-0.0907

Harmonies

Analogous

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



16.1338, 17.7062, 2.0066



16.1334, 14.0142, 7.2077



16.1338, 6.3629, 9.6497

Triad

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



16.1338, 14.0129, 7.2080



16.1338, -12.6199, 6.0210



16.1338, 0.3886, -21.8578

Complementary

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



16.1334, 14.0142, 7.2077



23.4763, -9.5523, -4.3829

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.



16.1338, -7.0033, -18.9488



16.1334, 14.0142, 7.2077



16.1338, -13.6006, -0.3380

Square

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



16.1338, 14.0129, 7.2080



16.1338, -8.7539, 9.0786



16.1338, -11.7573, -9.9390



16.1338, 8.9174, -16.6261

Rectangle

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



16.1334, 14.0142, 7.2077



16.1338, 0.6382, 10.3153



16.1338, -11.7573, -9.9390



16.1338, -2.3088, -21.8143

Sweetspot

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



16.1338, 14.0129, 7.2080



30.9518, 3.6936, 4.3829



16.6175, 21.9072, -12.1154



15.2880, 2.0277, 2.2621



66.9319, -3.5713, 3.6365



18.1947, -0.9708, 0.9886

Same Dimension

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



16.1338, 14.0129, 7.2080



18.8100, 23.1367, 10.5356



21.4732, 2.5101, 11.0374



13.1422, 0.0864, 1.1263



17.5003, 26.4771, 11.2471



41.7358, 67.2966, 26.8955

Inverse Universe

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



23.4763, -9.5523, -4.3829



29.7332, -13.0782, -6.9737



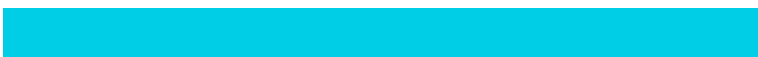
16.2915, 1.2740, -16.8594



13.6562, -1.4726, 0.3357



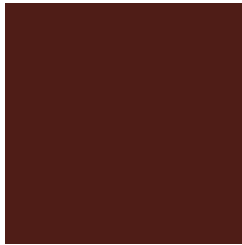
29.0736, -13.1511, -7.9500



70.2134, -31.3020, -20.1886

Previews

White Background



This preview shows how the HunterLab color 16.1334, 14.0142, 7.2077 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

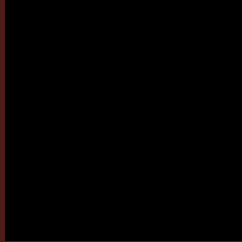
Any Text WCAG AA × Fail

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 16.1334, 14.0142, 7.2077 Background



This preview shows how black text looks on a background with the HunterLab color 16.1334, 14.0142, 7.2077.

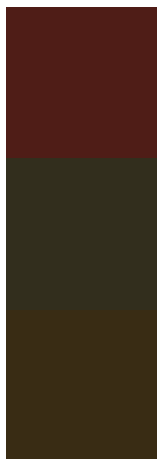


This preview shows how white text looks on a background with the HunterLab color 16.1334, 14.0142,

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

16.1334, 14.0142, 7.2077

Protanopia

16.4949, -1.6589, 5.9568

Deuteranopia

16.4977, 0.4970, 7.7960



Tritanopia

16.0826, 14.8532, 5.6419

Trichromacy



Original Color

16.1334, 14.0142, 7.2077

Protanomaly

16.0898, 3.8056, 6.1601

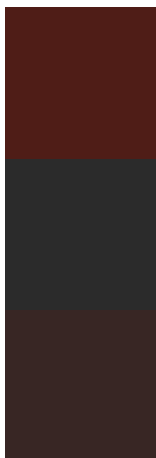
Deuteranomaly

16.2142, 5.1015, 7.4861

Tritanomaly

16.0372, 14.6483, 6.3050

Monochromacy



Original Color

16.1334, 14.0142, 7.2077

Achromatopsia

15.5427, -0.8293, 0.8445

Achromatomaly

15.3439, 3.8884, 3.0735

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.1334, 14.0142, 7.2077 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(79, 29, 23)` looks like.

```
.text, #text, p{  
    color:rgb(79, 29, 23)  
}
```

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(79, 29, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 29, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 16.1334, 14.0142, 7.2077 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(79, 29, 23) }
```


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

```
.border{ border-color:rgb(79, 29, 23) }
```

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

Here you see how a box with a 4 pixel rgb(79, 29, 23) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 29, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 29, 23);  
box-shadow:4px 4px 4px 4px rgb(79, 29, 23)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 16.1334, 14.0142, 7.2077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 29, 23) }
```

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

```
.background{ background-color: rgb(79, 29,  
23) }
```

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