

Converting Colors

HunterLab(14.4031, 28.4471,
-20.0057)

Have a look what the booklet for
HunterLab(14.4031, 28.4471,
-20.0057) contains.

HunterLab(14.4449, 28.5452, -20.1839)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	22
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

**HunterLab(14.4449, 28.5452,
-20.1839)**

Conversions

Conversions Part 1

Format	Color
Hex	4C004E
RGB	76, 0, 78
RGB Percent	30%, 0%, 31%
CMY	0.7020, 1.0000, 0.6941
CMYK	0.03, 1.00, 0.00, 0.69
HSL	298°, 100%, 15%
HSV	298°, 100%, 31%
XYZ	4.3556, 2.0866, 7.3809
YIQ	31.6160, 20.2580, 40.3700

Conversions

Conversions Part 2

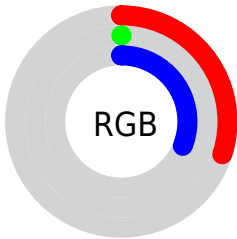
Format	Color
RYB	76, 0, 78
Decimal	4980814
CIELab	15.94, 41.27, -26.49
CIElCh	16, 49.042, 327.311
Yxy	2.0866, 0.3151, 0.1510
Android (android.graphics.Color)	4283170894 (0xFF4C004E)
YUV	31.6160, 22.8673, 38.9248
Hunter-Lab	14.4449, 28.5452, -20.1839

Details

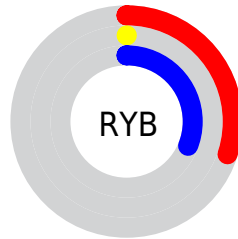
The HunterLab color **14.4449, 28.5452, -20.1839** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **23.3703, -19.8978, 14.0521**, and the grayscale version is **11.8249, -0.6309, 0.6425**.

A 20% lighter version of the original color is **29.9601, 32.2472, -21.3888**, and **5.9723, 12.0662, -10.3928** is the 20% darker color. If you saturate the color by 10%, you get **14.4450, 28.5453, -20.1838**, and if you desaturate by 10%, it is **15.0472, 26.5310, -18.6640**.

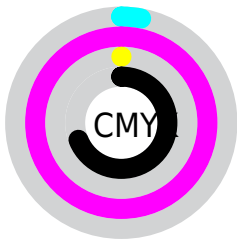
Distribution



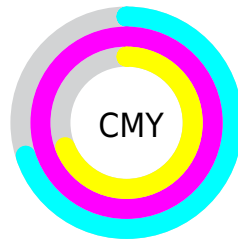
- Red (30%)
- Green (0%)
- Blue (31%)



- Red (30%)
- Yellow (0%)
- Blue (31%)



- Cyan (3%)
- Magenta (100%)
- Yellow (0%)
- Black (69%)



- Cyan (70%)
- Magenta (100%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.4449, 28.5452, -20.1839 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 14.4449, 28.5452, -20.1839 by changing the saturation by 10% instead.

■ 14.4449, 28.5452,
-20.1839

■ 14.4449, 28.5452,
-20.1839

■ 107.7726, 40.7919,
-23.8823

■ 8.1062, 27.7688,
-20.7987

■ 29.9578, 32.0151,
-21.1082

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.0142, 33.6080,
-21.6507

0.0000, NaN, NaN

■ 48.8347, 35.0778,
-22.1601

0.0000, NaN, NaN

■ 59.3638, 36.4282,
-22.6189

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.5567, 37.6667,
-23.0210

0.0000, NaN, NaN

■ 82.3761, 38.8018,

0.0000, NaN, NaN

-23.3650

94.7905, 39.8411,
-23.6515

14.4449, 28.5452,
-20.1839

14.4449, 28.5452,
-20.1839

14.4450, 28.5453,
-20.1838

15.0472, 26.5310,
-18.6640

15.6906, 24.4970,
-17.1385

16.5535, 21.9068,
-15.2323

17.6357, 18.8843,
-13.0344

18.9185, 15.5912,
-10.6584

■ 20.3802, 12.1612,
-8.1977

■ 21.9986, 8.6907,
-5.7186

■ 23.7533, 5.2412,
-3.2626

■ 25.6264, 1.8474,
-0.8528

Harmonies

Analogous

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



14.4452, 13.3183, -43.4978



14.4449, 28.5452, -20.1839



14.4452, 35.8100, -0.4324

Triad

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



14.4452, 28.5445, -20.1831



14.4452, 0.4782, 10.1117



14.4452, -17.7039, -15.9547

Complementary

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



14.4449, 28.5452, -20.1839



23.3703, -19.8978, 14.0521

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.



14.4452, -19.3366, 1.9073



14.4449, 28.5452, -20.1839



14.4452, -10.9323, 10.1117

Square

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



14.4452, 28.5445, -20.1831



14.4452, 16.2722, 10.1117



14.4452, -17.0097, 9.8281



14.4452, -12.3710, -39.8327

Rectangle

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



14.4449, 28.5452, -20.1839



14.4452, 33.7065, 6.4149



14.4452, -17.0097, 9.8281



14.4452, -18.6828, -8.7666

Sweetspot

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



14.4452, 28.5445, -20.1831



28.8028, 11.9900, -7.9179



7.7884, 18.5355, -49.7462



14.1368, 6.4875, -4.3109



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.



14.4452, 28.5445, -20.1831



19.0623, 37.6771, -26.6924



13.3570, 24.1032, -0.9056



13.1340, 0.7052, -0.2682



46.3370, 91.6222, -65.1630

Inverse Universe

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



12.7443, 21.8580, 7.9681



16.8241, 28.8459, 10.6073



23.6192, -18.2907, 9.9628



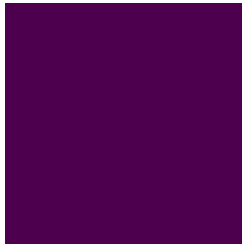
13.0533, 0.2557, 0.9928



40.9308, 70.1267, 26.2043

Previews

White Background



This preview shows how the HunterLab color 14.4449, 28.5452, -20.1839 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

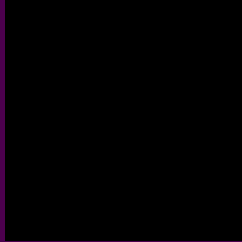
Any Text WCAG AA × Fail

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 14.4449, 28.5452, -20.1839 Background



This preview shows how black text looks on a background with the HunterLab color 14.4449, 28.5452, -20.1839.



This preview shows how white text looks on a background with the HunterLab color 14.4449, 28.5452, -20.1839.

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

14.4449, 28.5452, -20.1839

Protanopia

15.4729, 3.7638, -27.4648

Deuteranopia

15.7372, 0.5891, -14.0403



Tritanopia

15.5864, 11.2381, 4.3277

Trichromacy



Original Color

14.4449, 28.5452, -20.1839

Protanomaly

13.0485, 12.0559, -31.7528

Deuteranomaly

13.6092, 11.3551, -20.4156

Tritanomaly

14.6237, 17.7672, -2.4588

Monochromacy



Original Color

14.4449, 28.5452, -20.1839

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.6208, 10.7445, -7.4763

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.4449, 28.5452, -20.1839 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(76, 0, 78)` looks like.

```
.text, #text, p{  
    color:rgb(76, 0, 78)  
}
```

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(76, 0, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 0, 78) }
```

Border

The CSS property to change the border of an element to HunterLab 14.4449, 28.5452, -20.1839 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(76, 0, 78) }
```

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

```
.border{ border-color:rgb(76, 0, 78) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 0, 78)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 0, 78); -webkit-box-shadow:4px  
4px 4px 4px rgb(76, 0, 78); box-shadow:4px  
4px 4px 4px rgb(76, 0, 78) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.4449, 28.5452, -20.1839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 0, 78) }
```

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

```
.background{ background-color: rgb(76, 0,  
78) }
```

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