

Converting Colors

HunterLab(30.1175, 14.6108,
-40.3454)

Have a look what the booklet for
HunterLab(30.1175, 14.6108,
-40.3454) contains.

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Color

**HunterLab(30.0088, 14.7873,
-40.7931)**

Conversions

Conversions Part 1

Format	Color
Hex	4C4C99
RGB	76, 76, 153
RGB Percent	30%, 30%, 60%
CMY	0.7019, 0.7020, 0.4000
CMYK	0.50, 0.50, 0.00, 0.40
HSL	240°, 34%, 45%
HSV	240°, 50%, 60%
XYZ	11.3147, 9.0053, 31.2788
YIQ	84.7780, -24.7170, 23.9470

Conversions

Conversions Part 2

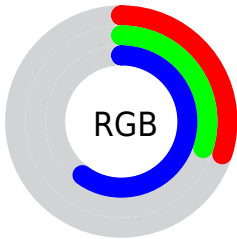
Format	Color
R_{YB}	76, 76, 153
Decimal	5000345
CIE _{Lab}	36.00, 21.85, -42.32
CIE _{LCh}	36, 47.627, 297.308
Yxy	9.0056, 0.2193, 0.1745
Android (android.graphics.Color)	4283190425 (0xFF4C4C99)
YUV	84.7780, 33.6334, -7.6983
Hunter-Lab	30.0088, 14.7873, -40.7931

Details

The HunterLab color **30.0088, 14.7873, -40.7931** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **54.8421, -11.8946, 26.1930**, and the grayscale version is **29.9471, -1.5979, 1.6271**.

A 20% lighter version of the original color is **48.9562, 16.1433, -41.8215**, and **14.4318, 12.8290, -41.4635** is the 20% darker color. If you saturate the color by 10%, you get **25.6677, 19.8183, -53.4509**, and if you desaturate by 10%, it is **34.7466, 10.4002, -29.8320**.

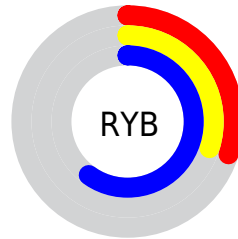
Distribution



Red (30%)

Green (30%)

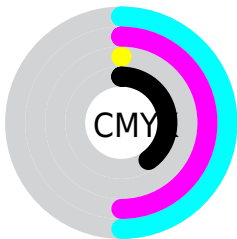
Blue (60%)



Red (30%)

Yellow (30%)

Blue (60%)

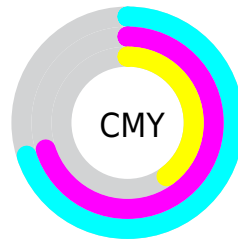


Cyan (50%)

Magenta (50%)

Yellow (0%)

Black (40%)



Cyan (70%)

Magenta (70%)

Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.0088, 14.7873, -40.7931 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 30.0088, 14.7873, -40.7931 by changing the saturation by 10% instead.

■ 30.0088, 14.7873,
-40.7931

■ 30.0088, 14.7873,
-40.7931

■ 135.4325, 18.2643,
-46.2565

■ 21.7826, 13.9001,
-40.6904

■ 48.8953, 16.1741,
-41.8803

■ 14.4856, 12.8563,
-41.4662

■ 59.4284, 16.7061,
-42.5615

■ 8.1467, 12.1924,
-45.4736

■ 70.6252, 17.1472,
-43.2527

0.0000, INF, -NF

■ 82.4483, 17.5068,
-43.9276

0.0000, NaN, -NF

■ 94.8661, 17.7924,
-44.5718

0.0000, NaN, -NF

0.0000, NaN, NaN

107.8515, 18.0105,

0.0000, NaN, NaN

-45.1772

0.0000, NaN, NaN

121.3806, 18.1663,
-45.7395

■ 30.0088, 14.7873,
-40.7931

■ 30.0088, 14.7873,
-40.7931

■ 25.6677, 19.8183,
-53.4509

■ 34.7466, 10.4002,
-29.8320

■ 21.8507, 25.5096,
-67.8637

■ 39.7914, 6.5434,
-20.2712

■ 18.7381, 31.5577,
-83.2592

■ 45.0834, 3.0993,
-11.7995

■ 16.5406, 37.0091,
-97.1873

■ 50.5805, -0.0302,
-4.1595

■ 15.1656, 41.1365,
-107.7563

■ 56.2524, -2.9205,
2.8467

■ 62.0764, -5.6285,
9.3682

■ 68.0355, -8.1967,
15.5164

■ 74.1161, -10.6568,
21.3749

■ 80.3075, -13.0332,
27.0070

Harmonies

Analogous

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



30.0093, -3.1120, -48.4734



30.0088, 14.7873, -40.7931



30.0093, 30.8910, -20.2873

Triad

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



30.0093, 14.7876, -40.7922



30.0093, 18.0182, 17.7323



30.0093, -27.6303, 3.0477

Complementary

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



30.0088, 14.7873, -40.7931



54.8421, -11.8946, 26.1930

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.



30.0093, -24.3256, 13.9830



30.0088, 14.7873, -40.7931



30.0093, -0.0632, 19.0040

Square

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



30.0093, 14.7876, -40.7922



30.0093, 33.0274, 12.6271



30.0093, -15.0896, 18.1559



30.0093, -25.3410, -16.2656

Rectangle

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



30.0088, 14.7873, -40.7931



30.0093, 37.0816, -5.9731



30.0093, -15.0896, 18.1559



30.0093, -27.1574, 7.6564

Sweetspot

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



30.0093, 14.7876, -40.7922



64.0010, 1.9954, -10.5271



51.5937, -20.6734, -3.2029



29.4109, 1.3192, -5.8788



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



30.0093, 14.7876, -40.7922



33.8800, 27.1430, -73.0992



33.2867, 24.0042, -32.7489



24.5486, -0.1721, -1.6112



13.7872, 37.3975, -97.9621



1.6858, 4.5727, -11.9773

Inverse Universe

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



37.7375, 35.5183, -23.4718



46.8190, 57.8346, -38.4830



51.8801, -23.0080, 23.7513



25.1469, 1.8567, -0.8088



27.3823, 53.8341, -36.1127



3.3481, 6.5824, -4.4157

Previews

White Background



This preview shows how the HunterLab color 30.0088, 14.7873, -40.7931 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 30.0088, 14.7873, -40.7931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

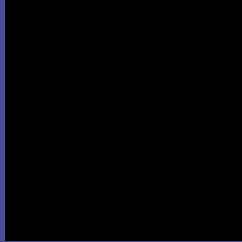
Any Text WCAG AA × Fail

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 30.0088, 14.7873, -40.7931 Background



This preview shows how black text looks on a background with the HunterLab color 30.0088, 14.7873, -40.7931.



This preview shows how white text looks on a background with the HunterLab color 30.0088, 14.7873, -40.7931.

-40.7931.

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

30.0088, 14.7873, -40.7931

Protanopia

30.0855, 8.2924, -45.9575

Deuteranopia

30.1007, 2.1450, -39.0844



Tritanopia

30.1748, -7.7446, -3.7634

Trichromacy



Original Color

30.0088, 14.7873, -40.7931

Protanomaly

29.9731, 10.2569, -44.4494

Deuteranomaly

29.6544, 6.1291, -41.0125

Tritanomaly

29.8415, -0.5455, -15.0589

Monochromacy



Original Color

30.0088, 14.7873, -40.7931

Achromatopsia

30.1400, -1.6082, 1.6376

Achromatomaly

29.9236, 3.1783, -10.7346

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.0088, 14.7873, -40.7931 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, 76, 153)` looks like.

```
.text, #text, p{  
    color:rgb(76, 76, 153)  
}
```

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, 76, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 76, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 30.0088, 14.7873, -40.7931 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, 76, 153) }
```


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

```
.border{ border-color:rgb(76, 76, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 76, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 76, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 76, 153);  
box-shadow:4px 4px 4px 4px rgb(76, 76,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.0088, 14.7873, -40.7931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 76, 153) }
```

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

```
.background{ background-color: rgb(76, 76,  
153) }
```

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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