

Converting Colors

HunterLab(30.7741, 14.8116,
-70.4389)

Have a look what the booklet for
HunterLab(30.7741, 14.8116,
-70.4389) contains.

HunterLab(30.7084, 14.8820, -70.5087)	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(30.7084, 14.8820,
-70.5087)**

Conversions

Conversions Part 1

Format	Color
Hex	0051BA
RGB	0, 81, 186
RGB Percent	0%, 32%, 73%
CMY	0.9998, 0.6824, 0.2706
CMYK	1.00, 0.56, 0.00, 0.27
HSL	214°, 100%, 36%
HSV	214°, 100%, 73%
XYZ	11.8054, 9.4301, 47.6524
YIQ	68.7510, -81.9810, 15.4830

Conversions

Conversions Part 2

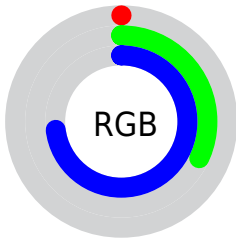
Format	Color
RYB	0, 56, 186
Decimal	20922
CIELab	36.80, 21.89, -60.81
CIELCh	37, 64.631, 289.795
Yxy	9.4303, 0.1714, 0.1369
Android (android.graphics.Color)	4278211002 (0xFF0051BA)
YUV	68.7510, 57.8038, -60.2946
Hunter-Lab	30.7084, 14.8820, -70.5087

Details

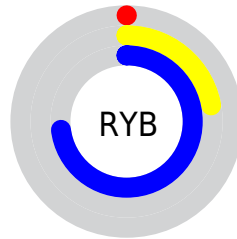
The HunterLab color **30.7084, 14.8820, -70.5087** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **45.3325, 20.3107, 28.2878**, and the grayscale version is **24.1347, -1.2878, 1.3113**.

A 20% lighter version of the original color is **49.8157, 15.9344, -69.9457**, and **17.4705, 19.0618, -62.9855** is the 20% darker color. If you saturate the color by 10%, you get **30.7031, 14.8938, -70.5276**, and if you desaturate by 10%, it is **33.5385, 10.0107, -61.2819**.

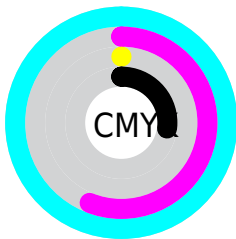
Distribution



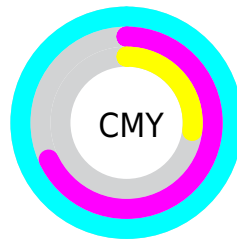
- Red (0%)
- Green (32%)
- Blue (73%)



- Red (0%)
- Yellow (22%)
- Blue (73%)



- Cyan (100%)
- Magenta (56%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (68%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.7084, 14.8820, -70.5087 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 30.7084, 14.8820, -70.5087 by changing the saturation by 10% instead.

■ 30.7084, 14.8820,
-70.5087

■ 30.7084, 14.8820,
-70.5087

■ 136.5855, 18.3147,
-75.3695

■ 22.4118, 14.0057,
-72.1257

■ 49.7175, 16.2548,
-70.1976

■ 15.0356, 12.9733,
-76.2384

■ 60.3056, 16.7808,
-70.6726

■ 8.6763, 11.9582,
-87.2764

■ 71.5540, 17.2166,
-71.3315

0.0000, INF, -NF

■ 83.4261, 17.5715,
-72.0910

0.0000, NaN, -NF

■ 95.8906, 17.8531,
-72.9009

0.0000, NaN, -NF

■ 108.9206, 18.0674,

0.0000, NaN, NaN

-73.7296

0.0000, NaN, NaN

122.4925, 18.2198,
-74.5569

■ 30.7084, 14.8820,
-70.5087

■ 30.7084, 14.8820,
-70.5087

■ 30.7031, 14.8938,
-70.5276

■ 33.5385, 10.0107,
-61.2819

■ 36.6695, 5.8582,
-52.4133

■ 40.1021, 2.5312,
-43.9273

■ 43.8025, -0.0222,
-35.8894

■ 47.7386, -1.8848,
-28.3122

■ 51.8814, -3.1466,
-21.1744

■ 56.2065, -3.8928,
-14.4373

■ 60.6929, -4.1987,
-8.0558

■ 65.3233, -4.1290,
-1.9845

Harmonies

Analogous

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



30.7088, -9.1156, -75.6849



30.7084, 14.8820, -70.5087



30.7088, 40.1442, -39.9862

Triad

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



30.7088, 14.8835, -70.5079



30.7088, 32.5870, 19.5944



30.7088, -34.2531, 8.2512

Complementary

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



30.7084, 14.8820, -70.5087



45.3325, 20.3107, 28.2878

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.



30.7088, -28.7193, 18.3450



30.7084, 14.8820, -70.5087



30.7088, 6.6267, 21.4961

Square

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



30.7088, 14.8835, -70.5079



30.7088, 52.2783, 12.8084



30.7088, -15.2726, 21.1404



30.7088, -33.2390, -16.3412

Rectangle

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



30.7084, 14.8820, -70.5087



30.7088, 52.1036, -16.7808



30.7088, -15.2726, 21.1404



30.7088, -33.1805, 12.9715

Sweetspot

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



30.7088, 14.8835, -70.5079



75.3646, -5.2043, -19.8937



60.0699, -45.7701, 23.7247



34.1977, -2.2727, -11.1154



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



30.7088, 14.8835, -70.5079



40.7731, 21.3003, -96.9440



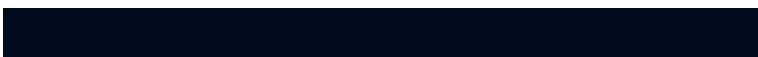
18.9902, 51.1780, -132.4404



30.5703, -1.9158, -0.7449



25.4670, 11.5965, -56.8651



5.9346, -0.0310, -7.3508

Inverse Universe

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



33.2176, 58.6681, 7.6010



44.6666, 78.7979, 10.9952



66.6561, -21.2525, 40.7001



30.1254, 1.5711, 1.0058



27.2710, 48.2203, 5.8554



5.2407, 9.4913, -0.6170

Previews

White Background



This preview shows how the HunterLab color 30.7084, 14.8820, -70.5087 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 30.7084, 14.8820, -70.5087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

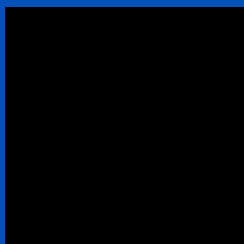
Any Text WCAG AA × Fail

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 30.7084, 14.8820, -70.5087 Background



This preview shows how black text looks on a background with the HunterLab color 30.7084, 14.8820, -70.5087.



This preview shows how white text looks on a background with the HunterLab color 30.7084, 14.8820, -70.5087.

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

30.7084, 14.8820, -70.5087

Protanopia

30.5955, 10.8036, -61.5636

Deuteranopia

30.6786, 0.0737, -38.5046



Tritanopia

30.5369, -14.9704, -5.8518

Trichromacy



Original Color

30.7084, 14.8820, -70.5087

Protanomaly

30.5448, 12.3222, -64.7786

Deuteranomaly

30.5547, 5.1162, -49.2353

Tritanomaly

30.2913, -6.0165, -24.8737

Monochromacy



Original Color

30.7084, 14.8820, -70.5087

Achromatopsia

24.3949, -1.3017, 1.3254

Achromatomaly

25.4370, 0.0164, -20.0558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.7084, 14.8820, -70.5087 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(0, 81, 186)` looks like.

```
.text, #text, p{  
    color:rgb(0, 81, 186)  
}
```

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(0, 81, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 81, 186) }
```

Border

The CSS property to change the border of an element to HunterLab 30.7084, 14.8820, -70.5087 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(0, 81, 186) }
```


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

```
.border{ border-color:rgb(0, 81, 186) }
```

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

Here you see how a box with a 4 pixel rgb(0, 81, 186) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 81, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 81, 186);  
box-shadow:4px 4px 4px 4px rgb(0, 81, 186)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.7084, 14.8820, -70.5087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 81, 186) }
```

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

```
.background{ background-color: rgb(0, 81,  
186) }
```

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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