

Converting Colors

HunterLab(30.1831, 27.8774,
-90.1925)

Have a look what the booklet for
HunterLab(30.1831, 27.8774,
-90.1925) contains.

HunterLab(30.3032, 27.7470, -90.1686)	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>	30

Color

**HunterLab(30.3032, 27.7470,
-90.1686)**

Conversions

Conversions Part 1

Format	Color
Hex	2647CA
RGB	38, 71, 202
RGB Percent	15%, 28%, 79%
CMY	0.8509, 0.7216, 0.2078
CMYK	0.81, 0.65, 0.00, 0.21
HSL	228°, 68%, 47%
HSV	228°, 81%, 79%
XYZ	13.7133, 9.1828, 56.9269
YIQ	76.0670, -61.7190, 33.7450

Conversions

Conversions Part 2

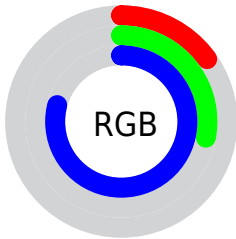
Format	Color
R _Y B	38, 65, 202
Decimal	2508746
CIE Lab	36.33, 36.67, -70.89
CIE LCh	36, 79.810, 297.351
Yxy	9.1830, 0.1718, 0.1150
Android (android.graphics.Color)	4280698826 (0xFF2647CA)
YUV	76.0670, 62.0850, -33.3848
Hunter-Lab	30.3032, 27.7470, -90.1686

Details

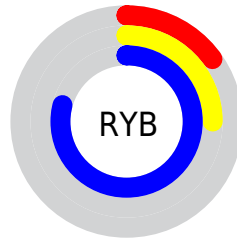
The HunterLab color **30.3032, 27.7470, -90.1686** is a dark color, and the websafe version is hex **3333CC**. The color can be described as dark muted blue. A complement of this color would be **64.0929, -3.8293, 37.7292**, and the grayscale version is **26.7094, -1.4251, 1.4512**.

A 20% lighter version of the original color is **48.8451, 29.0099, -84.2325**, and **17.1379, 29.1864, -84.4260** is the 20% darker color. If you saturate the color by 10%, you get **26.6654, 35.4479, -107.1911**, and if you desaturate by 10%, it is **34.6537, 20.9343, -73.8825**.

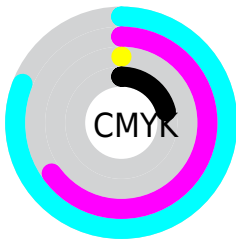
Distribution



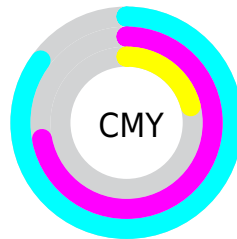
- Red (15%)
- Green (28%)
- Blue (79%)



- Red (15%)
- Yellow (25%)
- Blue (79%)



- Cyan (81%)
- Magenta (65%)
- Yellow (0%)
- Black (21%)



- Cyan (85%)
- Magenta (72%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.3032, 27.7470, -90.1686 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 30.3032, 27.7470, -90.1686 by changing the saturation by 10% instead.

■ 30.3032, 27.7470,
-90.1686

■ 30.3032, 27.7470,
-90.1686

■ 135.9181, 36.6073,
-92.7202

■ 22.0471, 26.2062,
-93.5829

■ 49.2413, 30.4474,
-88.1755

■ 14.7166, 24.5601,
-101.0583

■ 59.7977, 31.6138,
-88.2644

■ 8.3741, 23.4224,
-120.2977

■ 71.0162, 32.6709,
-88.6970

0.0000, INF, -NF

■ 82.8600, 33.6280,
-89.3382

0.0000, NaN, -NF

■ 95.2975, 34.4935,
-90.1054

0.0000, NaN, -NF

108.3017, 35.2744,

0.0000, NaN, NaN

-90.9459

0.0000, NaN, NaN

121.8489, 35.9772,
-91.8252

■ 30.3032, 27.7470,
-90.1686

■ 30.3032, 27.7470,
-90.1686

■ 26.6654, 35.4479,
-107.1911

■ 34.6537, 20.9343,
-73.8825

■ 24.1344, 42.3829,
-121.6585

■ 39.5684, 15.1788,
-59.0803

■ 44.9298, 10.4055,
-45.8690

■ 50.6501, 6.4580,
-34.0857

■ 56.6646, 3.1776,
-23.4943

■ 62.9259, 0.4285,
-13.8666

■ 69.3984, -1.8976,
-5.0087

■ 76.0551, -3.8851,
3.2365

■ 82.8748, -5.5995,
10.9934

Harmonies

Analogous

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



30.3035, -4.0999, -109.5172



30.3032, 27.7470, -90.1686



30.3035, 59.3753, -41.8458

Triad

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



30.3035, 27.7489, -90.1678



30.3035, 33.7985, 21.2125



30.3035, -39.1340, 3.9522

Complementary

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



30.3032, 27.7470, -90.1686



64.0929, -3.8293, 37.7292

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.



30.3035, -35.2373, 18.4169



30.3032, 27.7470, -90.1686



30.3035, 0.9453, 21.2125

Square

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



30.3035, 27.7489, -90.1678



30.3035, 63.6781, 17.1201



30.3035, -22.8353, 21.2125



30.3035, -36.4519, -33.2048

Rectangle

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



30.3032, 27.7470, -90.1686



30.3035, 72.1230, -12.0620



30.3035, -22.8353, 21.2125



30.3035, -38.5979, 10.9574

Sweetspot

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



30.3035, 27.7489, -90.1678



79.2832, 1.6182, -21.8678



67.3975, -41.5458, 8.8666



35.3182, 1.3451, -12.2080

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



30.3035, 27.7489, -90.1678



31.9929, 53.5286, -154.6783



27.4927, 49.6244, -102.6943



33.4714, -1.0785, -1.6606



19.6230, 33.0949, -95.9695



5.5549, 4.3343, -16.2997

Inverse Universe

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



37.9457, 56.7865, 15.0620



46.6106, 79.5488, 25.1230



70.2875, -33.8848, 41.1697



33.5410, 1.4565, 2.0357



28.6212, 49.4049, 15.4688



6.5856, 11.5340, 2.2709

Previews

White Background



This preview shows how the HunterLab color 30.3032, 27.7470, -90.1686 looks on a white background.

Color Contrast Check

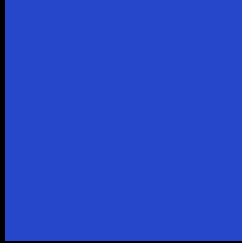
Large Text (above 18pt) WCAG AA ✓ Pass

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 30.3032, 27.7470, -90.1686 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

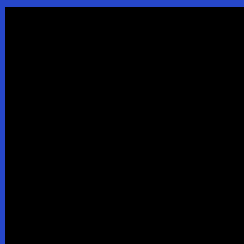
Any Text WCAG AA × Fail

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 30.3032, 27.7470, -90.1686 Background



This preview shows how black text looks on a background with the HunterLab color 30.3032, 27.7470, -90.1686.



This preview shows how white text looks on a background with the HunterLab color 30.3032, 27.7470, -90.1686.

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

30.3032, 27.7470, -90.1686

Protanopia

30.0861, 10.0023, -59.1971

Tritanopia

29.8756, -14.6235, -5.7739

Trichromacy



Original Color

30.3032, 27.7470, -90.1686

Protanomaly

30.0047, 16.2464, -70.8343

Tritanomaly

29.2491, -2.2158, -29.9902

Monochromacy



Original Color

30.3032, 27.7470, -90.1686

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

27.0681, 5.0452, -23.5628

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.3032, 27.7470, -90.1686 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(38, 71, 202)` looks like.

```
.text, #text, p{  
    color:rgb(38, 71, 202)  
}
```

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(38, 71, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 71, 202) }
```

Border

The CSS property to change the border of an element to HunterLab 30.3032, 27.7470, -90.1686 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(38, 71, 202) }
```

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

```
.border{ border-color:rgb(38, 71, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 71, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 71, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 71, 202);  
box-shadow:4px 4px 4px 4px rgb(38, 71,  
202) }
```


Background

The CSS property to change the background color of an element to HunterLab 30.3032, 27.7470, -90.1686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 71, 202) }
```

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

```
.background{ background-color: rgb(38, 71,  
202) }
```

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