

Converting Colors

HunterLab(30.4624, 29.4920,
-83.5248)

Have a look what the booklet for
HunterLab(30.4624, 29.4920,
-83.5248) contains.

HunterLab(30.4624, 29.4920, -83.5248)	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(30.4624, 29.4920,
-83.5248)**

Conversions

Conversions Part 1

Format	Color
Hex	3D45C5
RGB	61, 69, 197
RGB Percent	24%, 27%, 77%
CMY	0.7608, 0.7294, 0.2274
CMYK	0.69, 0.65, 0.00, 0.23
HSL	236°, 54%, 51%
HSV	236°, 69%, 77%
XYZ	14.1307, 9.2796, 53.8697
YIQ	81.2000, -45.8560, 38.1120

Conversions

Conversions Part 2

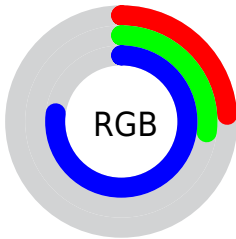
Format	Color
R_{YB}	61, 69, 197
Decimal	4015557
CIE _{Lab}	36.52, 38.51, -67.64
CIE _{LCh}	37, 77.831, 299.658
Yxy	9.2798, 0.1829, 0.1201
Android (android.graphics.Color)	4282205637 (0xFF3D45C5)
YUV	81.2000, 57.0894, -17.7154
Hunter-Lab	30.4624, 29.4920, -83.5248

Details

The HunterLab color **30.4624, 29.4920, -83.5248** is a dark color, and the websafe version is hex **333399**. The color can be described as dark muted blue. A complement of this color would be **69.7186, -14.3003, 38.9544**, and the grayscale version is **28.5699, -1.5244, 1.5523**.

A 20% lighter version of the original color is **49.5347, 32.1801, -82.1533**, and **16.2735, 28.8894, -82.7044** is the 20% darker color. If you saturate the color by 10%, you get **26.1333, 37.3591, -103.0864**, and if you desaturate by 10%, it is **35.5980, 22.4393, -65.6517**.

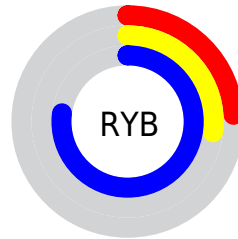
Distribution



Red (24%)

Green (27%)

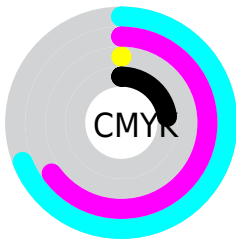
Blue (77%)



Red (24%)

Yellow (27%)

Blue (77%)

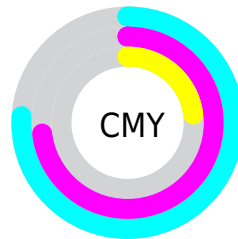


Cyan (69%)

Magenta (65%)

Yellow (0%)

Black (23%)



Cyan (76%)

Magenta (73%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.4624, 29.4920, -83.5248 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 30.4624, 29.4920, -83.5248 by changing the saturation by 10% instead.

■ 30.4624, 29.4920,
-83.5248

■ 30.4624, 29.4920,
-83.5248

■ 136.1806, 38.9616,
-86.9987

■ 22.1904, 27.8863,
-86.2794

■ 49.4285, 32.3327,
-82.1578

■ 14.8419, 26.1894,
-92.5239

■ 59.9974, 33.5699,
-82.3958

■ 8.4943, 24.9488,
-108.6757

■ 71.2277, 34.6969,
-82.9200

0.0000, INF, -NF

■ 83.0826, 35.7227,
-83.6139

0.0000, NaN, -NF

■ 95.5307, 36.6553,
-84.4065

0.0000, NaN, -NF

108.5451, 37.5019,

0.0000, NaN, NaN

-85.2528

0.0000, NaN, NaN

122.1020, 38.2688,
-86.1234

■ 30.4624, 29.4920,
-83.5248

■ 30.4624, 29.4920,
-83.5248

■ 26.1333, 37.3591,
-103.0864

■ 35.5980, 22.4393,
-65.6517

■ 22.8601, 45.2205,
-122.1258

■ 41.3393, 16.3536,
-50.0016

■ 20.8351, 51.3594,
-136.5816

■ 47.5448, 11.1264,
-36.3813

■ 20.6978, 51.7831,
-137.6554

■ 54.1165, 6.5882,
-24.4119

■ 60.9865, 2.5834,
-13.7293

■ 68.1067, -1.0121,
-4.0361

■ 75.4416, -4.2933,
4.8972

■ 82.9648, -7.3313,
13.2443

■ 90.6559, -10.1797,
21.1362

Harmonies

Analogous

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



30.4627, -1.9450, -105.1302



30.4624, 29.4920, -83.5248



30.4627, 59.3822, -36.6939

Triad

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



30.4627, 29.4935, -83.5239



30.4627, 30.2515, 21.3239



30.4627, -38.7077, 1.9597

Complementary

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



30.4624, 29.4920, -83.5248



69.7186, -14.3003, 38.9544

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.



30.4627, -35.3329, 17.7623



30.4624, 29.4920, -83.5248



30.4627, -1.3077, 21.3239

Square

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



30.4627, 29.4935, -83.5239



30.4627, 59.9189, 17.5916



30.4627, -23.7721, 21.3239



30.4627, -35.4901, -35.6206

Rectangle

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



30.4624, 29.4920, -83.5248



30.4627, 70.5547, -8.9235



30.4627, -23.7721, 21.3239



30.4627, -38.3320, 9.4299

Sweetspot

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



30.4627, 29.4935, -83.5239



79.4794, 4.6316, -21.5194



66.7481, -34.0112, -1.6935



35.5719, 2.8268, -11.7832

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



30.4627, 29.4935, -83.5239



32.4790, 55.6335, -151.7178



33.7021, 44.2191, -71.3880



32.2270, -0.4226, -2.0746



16.9106, 41.4754, -110.6702



4.1363, 7.2893, -20.9055

Inverse Universe

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



39.5455, 47.1132, 16.7514



48.2667, 73.9097, 26.4734



67.5863, -35.6057, 37.1490



32.6295, 1.2068, 2.5148



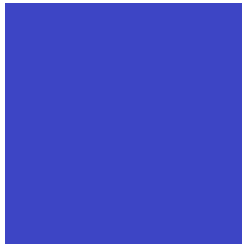
27.9798, 47.9913, 17.4977



6.1179, 10.5523, 3.3708

Previews

White Background



This preview shows how the HunterLab color 30.4624, 29.4920, -83.5248 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 30.4624, 29.4920, -83.5248 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 30.4624, 29.4920, -83.5248 Background



This preview shows how black text looks on a background with the HunterLab color 30.4624, 29.4920, -83.5248.



This preview shows how white text looks on a background with the HunterLab color 30.4624, 29.4920, -83.5248.

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

30.4624, 29.4920, -83.5248

Protanopia

30.1506, 10.3306, -59.9863

Deuteranopia

30.3009, -0.0394, -37.7885



Tritanopia

30.2386, -14.6039, -6.2700

Trichromacy



Original Color

30.4624, 29.4920, -83.5248

Protanomaly

29.7586, 16.4723, -69.5487

Deuteranomaly

29.7413, 9.4608, -54.3896

Tritanomaly

29.3808, -1.7559, -29.6860

Monochromacy



Original Color

30.4624, 29.4920, -83.5248

Achromatopsia

28.6850, -1.5306, 1.5585

Achromatomaly

28.6246, 6.3610, -21.0641

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.4624, 29.4920, -83.5248 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(61, 69, 197)` looks like.

```
.text, #text, p{  
    color:rgb(61, 69, 197)  
}
```

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(61, 69, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 69, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 30.4624, 29.4920, -83.5248 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(61, 69, 197) }
```


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

```
.border{ border-color:rgb(61, 69, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 69, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 69, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 69, 197);  
box-shadow:4px 4px 4px 4px rgb(61, 69,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.4624, 29.4920, -83.5248 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 69, 197) }
```

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

```
.background{ background-color: rgb(61, 69,  
197) }
```

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