

Converting Colors

HunterLab(30.9499, -4.5198,
-20.3993)

Have a look what the booklet for
HunterLab(30.9499, -4.5198,
-20.3993) contains.

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Color

**HunterLab(30.8417, -4.4783,
-20.3332)**

Conversions

Conversions Part 1

Format	Color
Hex	295B80
RGB	41, 91, 128
RGB Percent	16%, 36%, 50%
CMY	0.8392, 0.6431, 0.4980
CMYK	0.68, 0.29, 0.00, 0.50
HSL	206°, 51%, 33%
HSV	206°, 68%, 50%
XYZ	8.5518, 9.5121, 21.8073
YIQ	80.2680, -41.6770, 0.9070

Conversions

Conversions Part 2

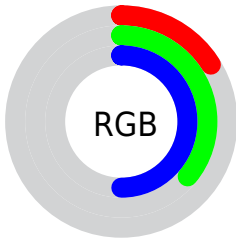
Format	Color
RYB	41, 73, 128
Decimal	2710400
CIELab	36.95, -4.19, -25.72
CIELCh	37, 26.058, 260.741
Yxy	9.5124, 0.2145, 0.2386
Android (android.graphics.Color)	4280900480 (0xFF295B80)
YUV	80.2680, 23.5319, -34.4380
Hunter-Lab	30.8417, -4.4783, -20.3332




Details

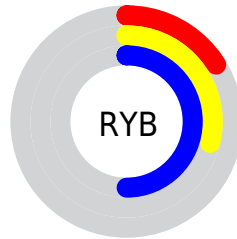
The HunterLab color **30.8417, -4.4783, -20.3332** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **31.9355, 11.3376, 15.9814**, and the grayscale version is **28.3492, -1.5126, 1.5403**.




A 20% lighter version of the original color is **49.8726, -6.0695, -21.3460**, and **15.8698, -0.9093, -17.8729** is the 20% darker color. If you saturate the color by 10%, you get **28.9714, -3.4223, -24.0020**, and if you desaturate by 10%, it is **32.8399, -5.1221, -16.7247**.

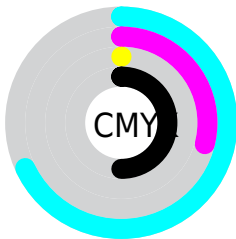
Distribution







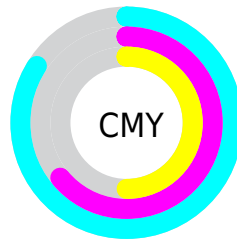
-  Red (16%)
-  Green (36%)
-  Blue (50%)






-  Red (16%)
-  Yellow (29%)
-  Blue (50%)



-  Cyan (68%)
-  Magenta (29%)
-  Yellow (0%)
-  Black (50%)



-  Cyan (84%)
-  Magenta (64%)
-  Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.8417, -4.4783, -20.3332 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 30.8417, -4.4783, -20.3332 by changing the saturation by 10% instead.

■ 30.8417, -4.4783,
-20.3332

■ 30.8417, -4.4783,
-20.3332

■ 136.8049,
-12.0124, -23.1852

■ 22.5320, -3.7420,
-19.8001

■ 49.8742, -6.0034,
-21.3487

■ 15.1409, -3.0169,
-19.3647

■ 60.4727, -6.7967,
-21.7825

■ 8.7733, -2.5509,
-19.4603

■ 71.7309, -7.6117,
-22.1579

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 83.6123, -8.4485,
-22.4743

0.0000, NaN, NaN

■ 96.0856, -9.3072,
-22.7331

0.0000, NaN, NaN

■ 109.1240,

0.0000, NaN, NaN

-10.1875, -22.9363

0.0000, NaN, NaN

122.7041,
-11.0894, -23.0862

■ 30.8417, -4.4783,
-20.3332

■ 30.8417, -4.4783,
-20.3332

■ 28.9714, -3.4223,
-24.0020

■ 32.8399, -5.1221,
-16.7247

■ 27.2350, -1.9340,
-27.7105

■ 34.9555, -5.3859,
-13.1943

■ 25.6179, -0.0798,
-31.4809

■ 37.1795, -5.3055,
-9.7503

■ 25.2938, 0.3078,
-32.2795

■ 39.5031, -4.9172,
-6.3962

■ 41.9178, -4.2557,
-3.1309

■ 44.4160, -3.3525,
0.0490

■ 46.9909, -2.2357,
3.1490

■ 49.6364, -0.9301,
6.1753

■ 52.3469, 0.5430,
9.1345

Harmonies

Analogous

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



30.8422, -12.1890, -14.6540



30.8417, -4.4783, -20.3332



30.8422, 4.9598, -18.8989

Triad

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



30.8422, -4.4781, -20.3326



30.8422, 16.9660, 7.1268



30.8422, -14.3336, 10.6362

Complementary

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



30.8417, -4.4783, -20.3332



31.9355, 11.3376, 15.9814

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.



30.8422, -7.7412, 13.7454



30.8417, -4.4783, -20.3332



30.8422, 10.5331, 12.1770

Square

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



30.8422, -4.4781, -20.3326



30.8422, 18.1089, -1.1920



30.8422, 1.2894, 14.2103



30.8422, -17.4174, 4.2977

Rectangle

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



30.8417, -4.4783, -20.3332



30.8422, 10.9424, -14.2328



30.8422, 1.2894, 14.2103



30.8422, -12.4940, 12.0039

Sweetspot

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



30.8422, -4.4781, -20.3326



54.8101, -5.8975, -5.2246



40.5579, -27.0425, 14.1855



26.1523, -2.9594, -3.0221



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



30.8422, -4.4781, -20.3326



37.0555, -3.4417, -34.7580



20.4079, 15.7018, -46.4814



21.4240, -1.6825, -0.1486



25.1924, 0.2970, -32.1294

0.0000, NaN, NaN

Inverse Universe

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



26.3264, 32.4689, -5.5003



31.7518, 50.3337, -6.0170



42.8528, -7.8891, 23.3645



20.9343, 1.0804, 0.3992



22.4392, 40.5878, -2.2436

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 30.8417, -4.4783, -20.3332 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 30.8417, -4.4783, -20.3332 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

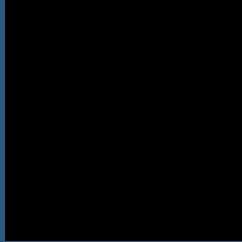
Any Text WCAG AA × Fail

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 30.8417, -4.4783, -20.3332 Background



This preview shows how black text looks on a background with the HunterLab color 30.8417, -4.4783, -20.3332.



This preview shows how white text looks on a background with the HunterLab color 30.8417, -4.4783, -20.3332.

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

30.8417, -4.4783, -20.3332

Protanopia

30.6968, 2.8327, -17.2289

Deuteranopia

30.7726, 2.2640, -21.0142



Tritanopia

30.9058, -13.4713, -5.8088

Trichromacy



Original Color

30.8417, -4.4783, -20.3332

Protanomaly

30.5840, -0.0621, -18.7680

Deuteranomaly

30.7636, -0.4718, -21.0793

Tritanomaly

30.7678, -10.3762, -10.7624

Monochromacy



Original Color

30.8417, -4.4783, -20.3332

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.9171, -3.8472, -5.4367

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.8417, -4.4783, -20.3332 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(41, 91, 128)` looks like.

```
.text, #text, p{  
    color:rgb(41, 91, 128)  
}
```

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(41, 91, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 91, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 30.8417, -4.4783, -20.3332 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(41, 91, 128) }
```


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

```
.border{ border-color:rgb(41, 91, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 91, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 91, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 91, 128);  
box-shadow:4px 4px 4px 4px rgb(41, 91,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 30.8417, -4.4783, -20.3332 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 91, 128) }
```

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

```
.background{ background-color: rgb(41, 91,  
128) }
```

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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