

Converting Colors

HunterLab(31.9557, 48.3724,
-112.5015)

Have a look what the booklet for
HunterLab(31.9557, 48.3724,
-112.5015) contains.

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Color

**HunterLab(32.0254, 48.5065,
-112.6240)**

Conversions

Conversions Part 1

Format	Color
Hex	5339E2
RGB	83, 57, 226
RGB Percent	33%, 22%, 89%
CMY	0.6745, 0.7765, 0.1137
CMYK	0.63, 0.75, 0.00, 0.11
HSL	249°, 74%, 55%
HSV	249°, 75%, 89%
XYZ	18.7579, 10.2563, 72.9426
YIQ	84.0400, -38.7530, 58.0710

Conversions

Conversions Part 2

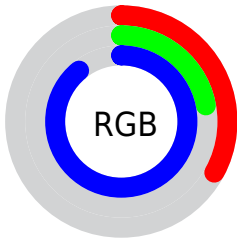
Format	Color
R _Y B	83, 57, 226
Decimal	5454306
CIE Lab	38.30, 57.06, -81.38
CIE LCh	38, 99.394, 305.038
Yxy	10.2565, 0.1840, 0.1006
Android (android.graphics.Color)	4283644386 (0xFF5339E2)
YUV	84.0400, 69.9863, -0.9121
Hunter-Lab	32.0254, 48.5065, -112.6240

Details

The HunterLab color $32.0254, 48.5065, -112.6240$ is a dark color, and the websafe version is hex $3333CC$. The color can be described as dark washed blue. A complement of this color would be $81.8331, -30.3229, 47.0899$, and the grayscale version is $29.5534, -1.5769, 1.6057$.

A 20% lighter version of the original color is $49.2352, 42.9964, -82.8374$, and $17.1164, 45.0698, -118.6867$ is the 20% darker color. If you saturate the color by 10%, you get $27.8283, 56.6108, -135.1594$, and if you desaturate by 10%, it is $37.4193, 39.7534, -90.2524$.

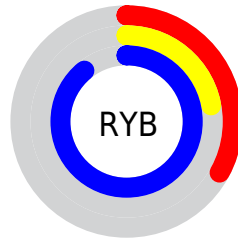
Distribution



Red (33%)

Green (22%)

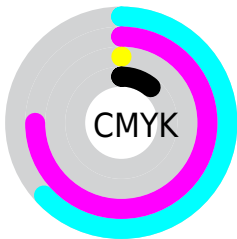
Blue (89%)



Red (33%)

Yellow (22%)

Blue (89%)

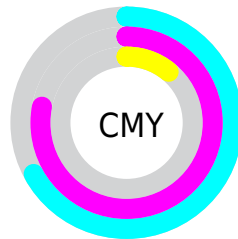


Cyan (63%)

Magenta (75%)

Yellow (0%)

Black (11%)



Cyan (67%)

Magenta (78%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 32.0254, 48.5065, -112.6240 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 32.0254, 48.5065, -112.6240 by changing the saturation by 10% instead.

■ 32.0254, 48.5065,
-112.6240

■ 32.0254, 48.5065,
-112.6240

■ 138.7418, 63.5021,
-112.2274

■ 23.5994, 46.4323,
-117.7346

■ 51.2609, 52.5261,
-108.8310

■ 16.0780, 44.4875,
-127.9991

■ 61.9506, 54.3932,
-108.4439

■ 9.5872, 43.1888,
-150.9748

■ 73.2947, 56.1552,
-108.5624

0.0000, INF, -NF

■ 85.2574, 57.8136,
-109.0032

0.0000, NaN, -NF

■ 97.8083, 59.3725,
-109.6525

0.0000, NaN, -NF

■ 110.9210, 60.8369,

0.0000, NaN, NaN

-110.4366

124.5723, 62.2118,
-111.3062

■ 32.0254, 48.5065,
-112.6240

■ 32.0254, 48.5065,
-112.6240

■ 27.8283, 56.6108,
-135.1594

■ 37.4193, 39.7534,
-90.2524

■ 25.1031, 62.2208,
-153.3827

■ 43.7218, 31.3455,
-70.0822

■ 24.1755, 64.1137,
-160.4417

■ 50.7102, 23.5944,
-52.4652

■ 58.2274, 16.4939,
-37.0968

■ 66.1650, 9.9397,
-23.5310

■ 74.4473, 3.8161,
-11.3617

■ 83.0202, -1.9771,
-0.2634

■ 91.8438, -7.5195,
10.0134

■ 99.1317, -10.1134,
17.8735

Harmonies

Analogous

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



32.0257, 4.5974, -157.6822



32.0254, 48.5065, -112.6240



32.0257, 88.3088, -40.3585

Triad

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



32.0257, 48.5086, -112.6230



32.0257, 33.0520, 22.4180



32.0257, -45.6092, -4.5948

Complementary

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



32.0254, 48.5065, -112.6240



81.8331, -30.3229, 47.0899

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.



32.0257, -43.4066, 18.9417



32.0254, 48.5065, -112.6240



32.0257, -7.5651, 22.4180

Square

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



32.0257, 48.5086, -112.6230



32.0257, 76.9600, 21.2571



32.0257, -32.5505, 22.4180



32.0257, -40.9654, -63.7878

Rectangle

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



32.0254, 48.5065, -112.6240



32.0257, 100.5457, -4.4921



32.0257, -32.5505, 22.4180



32.0257, -45.6118, 6.9323

Sweetspot

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



32.0257, 48.5086, -112.6230



78.3347, 9.5064, -23.1708



69.2613, -27.8611, -19.4026



35.0590, 5.3058, -12.5496

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



32.0257, 48.5086, -112.6230



29.8718, 69.1583, -168.1613



40.7630, 64.8297, -78.4014



36.5295, 0.3179, -2.4604



18.3486, 48.4947, -120.4849



5.1503, 13.0359, -29.3528

Inverse Universe

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



48.2334, 75.6547, -36.1170



52.0838, 95.5462, -43.0589



76.4275, -51.6367, 43.1875



37.2793, 2.7515, -0.6576



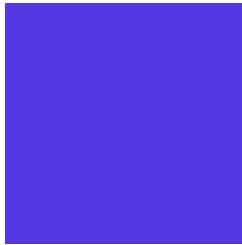
33.7492, 64.2137, -27.9369



8.9411, 17.1018, -8.0983

Previews

White Background



This preview shows how the HunterLab color 32.0254, 48.5065, -112.6240 looks on a white background.

Color Contrast Check

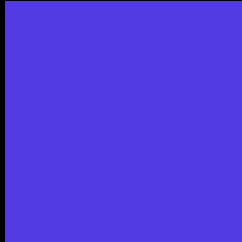
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 32.0254, 48.5065, -112.6240 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

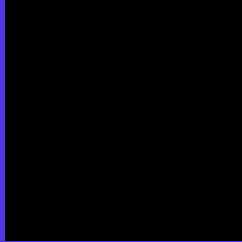
Any Text WCAG AA × Fail

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 32.0254, 48.5065, -112.6240 Background



This preview shows how black text looks on a background with the HunterLab color 32.0254, 48.5065, -112.6240.



This preview shows how white text looks on a background with the HunterLab color 32.0254, 48.5065, -112.6240.

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

32.0254, 48.5065, -112.6240

Protanopia

31.9277, 10.3864, -62.3281

Deuteranopia

31.7090, -0.1663, -39.2744



Tritanopia

31.5994, -15.1036, -6.8922

Trichromacy



Original Color

32.0254, 48.5065, -112.6240

Protanomaly

30.8579, 23.0081, -83.2348

Deuteranomaly

30.3384, 15.5810, -66.4667

Tritanomaly

29.6963, 3.3962, -39.2506

Monochromacy



Original Color

32.0254, 48.5065, -112.6240

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.2574, 13.1585, -28.9436

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 32.0254, 48.5065, -112.6240 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(83, 57, 226)` looks like.

```
.text, #text, p{  
    color:rgb(83, 57, 226)  
}
```

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(83, 57, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 57, 226) }
```

Border

The CSS property to change the border of an element to HunterLab 32.0254, 48.5065, -112.6240 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(83, 57, 226) }
```


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

```
.border{ border-color:rgb(83, 57, 226) }
```

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

Here you see how a box with a 4 pixel rgb(83, 57, 226) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 57, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 57, 226);  
box-shadow:4px 4px 4px 4px rgb(83, 57,  
226) }
```

Background

The CSS property to change the background color of an element to HunterLab 32.0254, 48.5065, -112.6240 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 57, 226) }
```

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

```
.background{ background-color: rgb(83, 57,  
226) }
```

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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