

Converting Colors

HunterLab(27.3500, 64.5890,
-119.9318)

Have a look what the booklet for
HunterLab(27.3500, 64.5890,
-119.9318) contains.

HunterLab(27.4002, 64.6421, -119.6454)	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(27.4002, 64.6421,
-119.6454)**

Conversions

Conversions Part 1

Format	Color
Hex	6300D6
RGB	99, 0, 214
RGB Percent	39%, 0%, 84%
CMY	0.6117, 1.0000, 0.1608
CMYK	0.54, 1.00, 0.00, 0.16
HSL	268°, 100%, 42%
HSV	268°, 100%, 84%
XYZ	17.2832, 7.5077, 64.1566
YIQ	53.9970, -9.6900, 87.5420

Conversions

Conversions Part 2

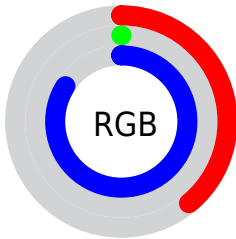
Format	Color
R _Y B	99, 0, 214
Decimal	6488278
CIE Lab	32.94, 72.34, -83.30
CIE LCh	33, 110.324, 310.972
Yxy	7.5080, 0.1943, 0.0844
Android (android.graphics.Color)	4284678358 (0xFF6300D6)
YUV	53.9970, 78.8815, 39.4676
Hunter-Lab	27.4002, 64.6421, -119.6454

Details

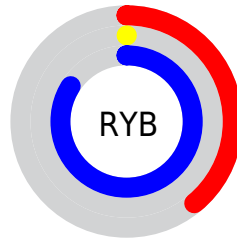
The HunterLab color $27.4002, 64.6421, -119.6454$ is a dark color, and the websafe version is hex $6600CC$. The color can be described as dark washed purple. A complement of this color would be $71.9291, -48.6574, 43.4705$, and the grayscale version is $18.9500, -1.0111, 1.0296$.

A 20% lighter version of the original color is $44.4960, 64.1388, -97.5218$, and $16.0062, 42.8335, -109.2094$ is the 20% darker color. If you saturate the color by 10%, you get $27.4008, 64.6428, -119.6426$, and if you desaturate by 10%, it is $29.5867, 62.2897, -108.1666$.

Distribution



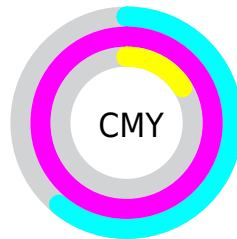
- Red (39%)
- Green (0%)
- Blue (84%)



- Red (39%)
- Yellow (0%)
- Blue (84%)



- Cyan (54%)
- Magenta (100%)
- Yellow (0%)
- Black (16%)



- Cyan (61%)
- Magenta (100%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 27.4002, 64.6421, -119.6454 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 27.4002, 64.6421, -119.6454 by changing the saturation by 10% instead.

■ 27.4002, 64.6421,
-119.6454

■ 27.4002, 64.6421,
-119.6454

■ 131.0804, 83.7152,
-115.3958

■ 19.4468, 62.6549,
-127.6416

■ 45.8128, 69.2615,
-113.4465

■ 12.4590, 61.5677,
-144.3048

■ 56.1345, 71.5769,
-112.5164

■ 5.7017, 76.8986,
-216.6179

■ 67.1326, 73.8249,
-112.2878

0.0000, INF, -NF

0.0000, NaN, -NF

■ 78.7677, 75.9875,
-112.5026

0.0000, NaN, -NF

■ 91.0067, 78.0580,
-113.0044

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 103.8212, 80.0350,

-113.6940

0.0000, NaN, NaN

117.1864, 81.9198,
-114.5059

27.4002, 64.6421,
-119.6454

27.4002, 64.6421,
-119.6454

27.4008, 64.6428,
-119.6426

29.5867, 62.2897,
-108.1666

32.7204, 57.4154,
-94.1111

36.8404, 50.5308,
-78.8008

41.7936, 42.6533,
-63.7522

47.4223, 34.4617,
-49.7150

■ 53.5940, 26.3057,
-36.8952

■ 60.2061, 18.3280,
-25.2311

■ 67.1813, 10.5654,
-14.5641

■ 74.4615, 3.0070,
-4.7209

Harmonies

Analogous

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



27.4008, 13.8482, -191.4895



27.4002, 64.6421, -119.6454



27.4008, 107.2103, -32.1454

Triad

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



27.4008, 64.6428, -119.6426



27.4008, 26.6035, 19.1805



27.4008, -42.5984, -15.2753

Complementary

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



27.4002, 64.6421, -119.6454



71.9291, -48.6574, 43.4705

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.



27.4008, -41.9447, 15.8404



27.4002, 64.6421, -119.6454



27.4008, -14.0109, 19.1805

Square

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



27.4008, 64.6428, -119.6426



27.4008, 78.2223, 19.1805



27.4008, -34.7645, 19.1805



27.4008, -37.6517, -94.1633

Rectangle

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



27.4002, 64.6421, -119.6454



27.4008, 116.2584, 2.6431



27.4008, -34.7645, 19.1805



27.4008, -42.9166, 0.2876

Sweetspot

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



27.4008, 64.6428, -119.6426



73.1711, 22.6382, -31.1760



42.1206, 5.0315, -63.5086



32.2392, 12.3771, -17.1587

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



27.4008, 64.6428, -119.6426



33.2712, 78.6777, -146.7143



41.9450, 83.4065, -62.6197



35.0534, 1.2055, -1.9534



21.4444, 50.4083, -92.2196



5.7123, 12.8809, -20.3275

Inverse Universe

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



39.4131, 70.6363, 1.1255



48.0280, 86.0115, 1.8717



69.3992, -59.2539, 41.7261



35.3995, 2.0870, 0.7325



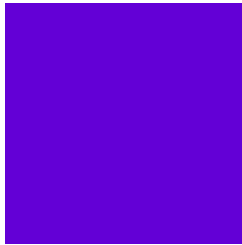
30.6764, 55.0422, 0.3818



7.6435, 13.9147, -1.4550

Previews

White Background



This preview shows how the HunterLab color 27.4002, 64.6421, -119.6454 looks on a white background.

Color Contrast Check

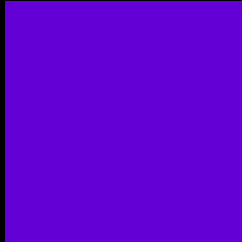
Large Text (above 18pt) WCAG AA ✓ Pass

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 27.4002, 64.6421, -119.6454 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

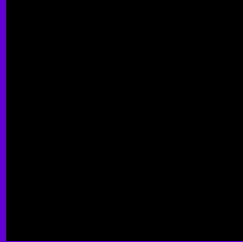
Any Text WCAG AA × Fail

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 27.4002, 64.6421, -119.6454 Background



This preview shows how black text looks on a background with the HunterLab color 27.4002, 64.6421, -119.6454.



This preview shows how white text looks on a background with the HunterLab color 27.4002, 64.6421, -119.6454.

-119.6454.

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

27.4002, 64.6421, -119.6454

Protanopia

28.0731, 8.6504, -53.7626

Deuteranopia

28.0013, -0.9839, -32.8753



Tritanopia

28.0259, -6.1025, -3.3008

Trichromacy



Original Color

27.4002, 64.6421, -119.6454

Protanomaly

24.2219, 31.7778, -90.2139

Deuteranomaly

23.5535, 25.0711, -74.6549

Tritanomaly

23.9819, 21.0771, -41.5222

Monochromacy



Original Color

27.4002, 64.6421, -119.6454

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.0158, 23.2547, -35.6710

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 27.4002, 64.6421, -119.6454 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(99, 0, 214)` looks like.

```
.text, #text, p{  
    color:rgb(99, 0, 214)  
}
```

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(99, 0, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 0, 214) }
```

Border

The CSS property to change the border of an element to HunterLab 27.4002, 64.6421, -119.6454 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(99, 0, 214) }
```


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

```
.border{ border-color:rgb(99, 0, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 0, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 0, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 0, 214);  
box-shadow:4px 4px 4px 4px rgb(99, 0, 214)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 27.4002, 64.6421, -119.6454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 0, 214) }
```

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

```
.background{ background-color: rgb(99, 0,  
214) }
```

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