

Converting Colors

HunterLab(28.8515, 16.4266,
-51.2261)

Have a look what the booklet for
HunterLab(28.8515, 16.4266,
-51.2261) contains.

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Color

**HunterLab(28.9742, 16.2334,
-50.8597)**

Conversions

Conversions Part 1

Format	Color
Hex	3F49A1
RGB	63, 73, 161
RGB Percent	25%, 29%, 63%
CMY	0.7529, 0.7137, 0.3686
CMYK	0.61, 0.55, 0.00, 0.37
HSL	234°, 44%, 44%
HSV	234°, 61%, 63%
XYZ	10.8654, 8.3950, 34.7659
YIQ	80.0420, -34.2080, 25.2480

Conversions

Conversions Part 2

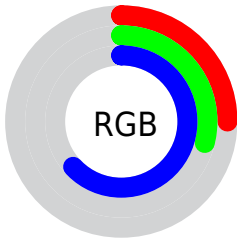
Format	Color
R_{YB}	63, 72, 161
Decimal	4147617
CIE _{Lab}	34.79, 23.73, -49.12
CIE _{LCh}	35, 54.556, 295.786
Yxy	8.3953, 0.2011, 0.1554
Android (android.graphics.Color)	4282337697 (0xFF3F49A1)
YUV	80.0420, 39.9123, -14.9458
Hunter-Lab	28.9742, 16.2334, -50.8597

Details

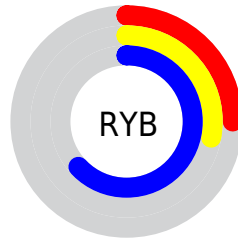
The HunterLab color **28.9742, 16.2334, -50.8597** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **54.8369, -9.1743, 28.5443**, and the grayscale version is **28.2081, -1.5051, 1.5326**.

A 20% lighter version of the original color is **47.6210, 18.2716, -52.0677**, and **14.2572, 15.4218, -51.1115** is the 20% darker color. If you saturate the color by 10%, you get **25.0128, 21.4645, -64.1370**, and if you desaturate by 10%, it is **33.3629, 11.7657, -39.1577**.

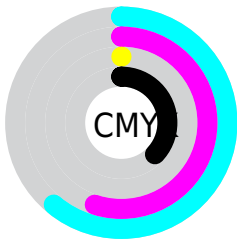
Distribution



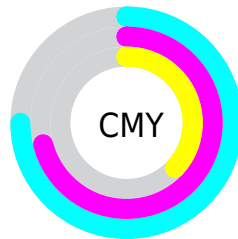
- Red (25%)
- Green (29%)
- Blue (63%)



- Red (25%)
- Yellow (28%)
- Blue (63%)



- Cyan (61%)
- Magenta (55%)
- Yellow (0%)
- Black (37%)



- Cyan (75%)
- Magenta (71%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9742, 16.2334, -50.8597 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 28.9742, 16.2334, -50.8597 by changing the saturation by 10% instead.

■ 28.9742, 16.2334,
-50.8597

■ 28.9742, 16.2334,
-50.8597

■ 133.7163, 20.5279,
-56.4491

■ 20.8540, 15.2331,
-51.3639

■ 47.6758, 17.8323,
-51.5291

■ 13.6770, 14.0748,
-53.4361

■ 58.1263, 18.4624,
-52.1813

■ 7.2843, 14.3936,
-62.8717

■ 69.2454, 18.9970,
-52.9036

0.0000, INF, -NF

■ 80.9950, 19.4459,
-53.6484

0.0000, NaN, -NF

■ 93.3429, 19.8173,
-54.3887

0.0000, NaN, -NF

106.2613, 20.1179,

0.0000, NaN, NaN

-55.1080

0.0000, NaN, NaN

119.7263, 20.3531,
-55.7968

■ 28.9742, 16.2334,
-50.8597

■ 28.9742, 16.2334,
-50.8597

■ 25.0128, 21.4645,
-64.1370

■ 33.3629, 11.7657,
-39.1577

■ 21.6083, 27.4129,
-78.7234

■ 38.0833, 7.9579,
-28.8884

■ 18.9264, 33.6537,
-93.3767

■ 43.0694, 4.6817,
-19.7962

■ 17.1943, 38.6830,
-104.9969

■ 48.2741, 1.8219,
-11.6346

■ 53.6633, -0.7142,
-4.1993

■ 59.2117, -2.9975,
2.6706

■ 64.9003, -5.0824,
9.0987

■ 70.7140, -7.0099,
15.1798

■ 76.6410, -8.8115,
20.9868

Harmonies

Analogous

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



28.9746, -4.1989, -59.4331



28.9742, 16.2334, -50.8597



28.9746, 35.5341, -25.7690

Triad

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



28.9746, 16.2341, -50.8588



28.9746, 22.1465, 18.1504



28.9746, -29.8437, 4.0303

Complementary

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



28.9742, 16.2334, -50.8597



54.8369, -9.1743, 28.5443

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.



28.9746, -26.1048, 15.1523



28.9742, 16.2334, -50.8597



28.9746, 1.2027, 19.4841

Square

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



28.9746, 16.2341, -50.8588



28.9746, 39.5221, 13.0355



28.9746, -15.8634, 18.7280



28.9746, -27.7681, -18.1234

Rectangle

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



28.9742, 16.2334, -50.8597



28.9746, 43.3746, -8.3868



28.9746, -15.8634, 18.7280



28.9746, -29.2591, 8.9150

Sweetspot

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



28.9746, 16.2341, -50.8588



66.4045, 1.5432, -12.9716



53.6049, -26.3265, 0.8575



30.1807, 1.1790, -7.3993



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



28.9746, 16.2341, -50.8588



31.7814, 31.4195, -92.5210



29.7837, 28.9642, -48.2630



26.4024, -0.5289, -1.4877



15.4658, 34.1777, -93.1106



2.8759, 2.8945, -9.8430

Inverse Universe

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



34.0789, 32.9587, 10.6097



41.1230, 53.6087, 17.4324



54.8561, -24.8239, 28.2840



26.6405, 0.9633, 1.9069



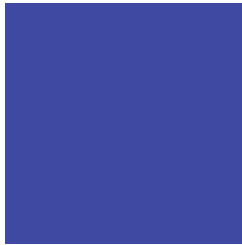
24.6690, 42.3842, 14.8723



3.6214, 6.3120, 1.4860

Previews

White Background



This preview shows how the HunterLab color 28.9742, 16.2334, -50.8597 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 28.9742, 16.2334, -50.8597 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

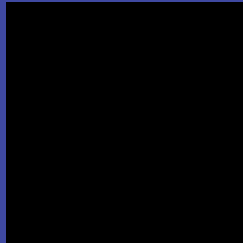
Any Text WCAG AA × Fail

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 28.9742, 16.2334, -50.8597 Background



This preview shows how black text looks on a background with the HunterLab color 28.9742, 16.2334, -50.8597.



This preview shows how white text looks on a background with the HunterLab color 28.9742, 16.2334, -50.8597.

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

28.9742, 16.2334, -50.8597

Protanopia

29.0184, 9.7839, -56.6449

Deuteranopia

28.6895, 0.8377, -37.6676



Tritanopia

28.8356, -11.3044, -5.6830

Trichromacy



Original Color

28.9742, 16.2334, -50.8597

Protanomaly

28.7357, 11.1932, -55.5449

Deuteranomaly

28.2993, 5.5746, -43.8054

Tritanomaly

28.3834, -2.6321, -19.6746

Monochromacy



Original Color

28.9742, 16.2334, -50.8597

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.0495, 3.3395, -13.2395

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9742, 16.2334, -50.8597 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(63, 73, 161)` looks like.

```
.text, #text, p{  
    color:rgb(63, 73, 161)  
}
```

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(63, 73, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 73, 161) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9742, 16.2334, -50.8597 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(63, 73, 161) }
```


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

```
.border{ border-color:rgb(63, 73, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 73, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 73, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 73, 161);  
box-shadow:4px 4px 4px 4px rgb(63, 73,  
161) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.9742, 16.2334, -50.8597 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 73, 161) }
```

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

```
.background{ background-color: rgb(63, 73,  
161) }
```

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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