

Converting Colors

HunterLab(31.7617, 13.9835,
-40.3480)

Have a look what the booklet for
HunterLab(31.7617, 13.9835,
-40.3480) contains.

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Color

**HunterLab(31.6477, 14.2082,
-40.8517)**

Conversions

Conversions Part 1

Format	Color
Hex	4F519E
RGB	79, 81, 158
RGB Percent	31%, 32%, 62%
CMY	0.6902, 0.6823, 0.3804
CMYK	0.50, 0.49, 0.00, 0.38
HSL	238°, 33%, 46%
HSV	238°, 50%, 62%
XYZ	12.3385, 10.0158, 33.6307
YIQ	89.1800, -25.9090, 23.5230

Conversions

Conversions Part 2

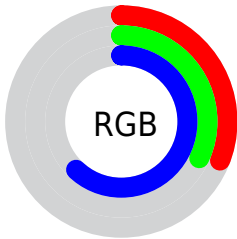
Format	Color
R_{YB}	79, 81, 158
Decimal	5198238
CIE Lab	37.87, 20.97, -42.31
CIE LCh	38, 47.223, 296.361
Yxy	10.0161, 0.2204, 0.1789
Android (android.graphics.Color)	4283388318 (0xFF4F519E)
YUV	89.1800, 33.9283, -8.9279
Hunter-Lab	31.6477, 14.2082, -40.8517

Details

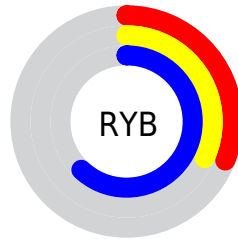
The HunterLab color **31.6477, 14.2082, -40.8517** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **56.2243, -11.4000, 26.6444**, and the grayscale version is **31.5596, -1.6839, 1.7147**.

A 20% lighter version of the original color is **50.7503, 15.5280, -41.9996**, and **15.8508, 12.2565, -41.0227** is the 20% darker color. If you saturate the color by 10%, you get **27.1699, 19.1982, -53.5115**, and if you desaturate by 10%, it is **36.5107, 9.8820, -29.8595**.

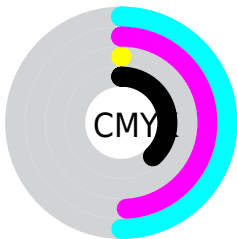
Distribution



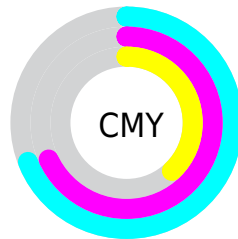
- Red (31%)
- Green (32%)
- Blue (62%)



- Red (31%)
- Yellow (32%)
- Blue (62%)



- Cyan (50%)
- Magenta (49%)
- Yellow (0%)
- Black (38%)



- Cyan (69%)
- Magenta (68%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.6477, 14.2082, -40.8517 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 31.6477, 14.2082, -40.8517 by changing the saturation by 10% instead.

31.6477, 14.2082,
-40.8517

31.6477, 14.2082,
-40.8517

138.1257, 17.2063,
-46.3381

23.2586, 13.3936,
-40.6550

50.8191, 15.4653,
-41.9959

15.7783, 12.4270,
-41.1973

61.4799, 15.9389,
-42.6818

9.3349, 11.2932,
-43.7376

72.7968, 16.3252,
-43.3714

0.0000, INF, -NF

84.7338, 16.6329,
-44.0414

0.0000, NaN, -NF

97.2601, 16.8694,
-44.6786

0.0000, NaN, -NF

110.3492, 17.0406,

0.0000, NaN, NaN

-45.2760

0.0000, NaN, NaN

123.9779, 17.1515,
-45.8298

■ 31.6477, 14.2082,
-40.8517

■ 31.6477, 14.2082,
-40.8517

■ 27.1699, 19.1982,
-53.5115

■ 36.5107, 9.8820,
-29.8595

■ 23.1969, 24.9034,
-67.9499

■ 41.6741, 6.0953,
-20.2357

■ 19.8990, 31.1100,
-83.5761

■ 47.0810, 2.7278,
-11.6776

■ 17.4827, 37.0129,
-98.2830

■ 52.6911, -0.3190,
-3.9367

■ 15.9858, 41.4230,
-109.4005

■ 58.4750, -3.1206,
3.1785

■ 15.9855, 41.4240,
-109.4029

■ 64.4107, -5.7340,
9.8129

■ 70.4814, -8.2017,
16.0751

■ 76.6740, -10.5560,
22.0474

■ 82.9776, -12.8214,
27.7923

Harmonies

Analogous

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



31.6482, -3.7428, -47.8257



31.6477, 14.2082, -40.8517



31.6482, 30.4612, -20.8583

Triad

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



31.6482, 14.2085, -40.8507



31.6482, 18.5777, 18.2347



31.6482, -28.1968, 3.6374

Complementary

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



31.6477, 14.2082, -40.8517



56.2243, -11.4000, 26.6444

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.



31.6482, -24.6065, 14.5799



31.6477, 14.2082, -40.8517



31.6482, 0.4157, 19.7115

Square

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



31.6482, 14.2085, -40.8507



31.6482, 33.3354, 12.6711



31.6482, -14.9622, 18.8564



31.6482, -26.0190, -15.4731

Rectangle

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



31.6477, 14.2082, -40.8517



31.6482, 36.8508, -6.5416



31.6482, -14.9622, 18.8564



31.6482, -27.6483, 8.2251

Sweetspot

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



31.6482, 14.2085, -40.8507



66.9711, 1.6973, -10.7091



53.3810, -21.8607, -2.1126



31.0886, 1.1975, -6.0797



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.



31.6482, 14.2085, -40.8507



35.9459, 26.7250, -74.2754



34.3004, 24.0343, -34.3586



25.4181, -0.2570, -1.6187



14.3370, 36.9374, -97.6572



2.0916, 4.2402, -11.7678

Inverse Universe

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



36.6821, 25.2564, 10.4628



44.7181, 42.8530, 16.7012



53.9381, -23.1000, 24.7001



25.7851, 0.8387, 2.0624



24.1448, 41.3815, 15.3478



3.2395, 5.5739, 1.8904

Previews

White Background



This preview shows how the HunterLab color 31.6477, 14.2082, -40.8517 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 31.6477, 14.2082, -40.8517 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

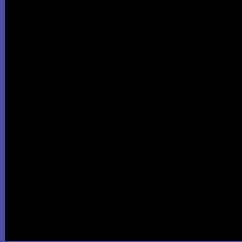
Any Text WCAG AA × Fail

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 31.6477, 14.2082, -40.8517 Background



This preview shows how black text looks on a background with the HunterLab color 31.6477, 14.2082, -40.8517.



This preview shows how white text looks on a background with the HunterLab color 31.6477, 14.2082, -40.8517.

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

31.6477, 14.2082, -40.8517

Protanopia

31.6449, 8.6097, -46.1544

Deuteranopia

31.6796, 2.5070, -39.3003



Tritanopia

31.6051, -7.9375, -4.2455

Trichromacy



Original Color

31.6477, 14.2082, -40.8517

Protanomaly

31.5300, 10.5862, -44.6638

Deuteranomaly

31.5100, 6.0912, -40.4976

Tritanomaly

31.2711, -0.6734, -15.6524

Monochromacy



Original Color

31.6477, 14.2082, -40.8517

Achromatopsia

31.6068, -1.6865, 1.7173

Achromatomaly

31.3078, 2.8609, -10.8064

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.6477, 14.2082, -40.8517 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(79, 81, 158)` looks like.

```
.text, #text, p{  
    color:rgb(79, 81, 158)  
}
```

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(79, 81, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 81, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 31.6477, 14.2082, -40.8517 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(79, 81, 158) }
```


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

```
.border{ border-color:rgb(79, 81, 158) }
```

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

Here you see how a box with a 4 pixel rgb(79, 81, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 81, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 81, 158);  
box-shadow:4px 4px 4px 4px rgb(79, 81,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.6477, 14.2082, -40.8517 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 81, 158) }
```

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

```
.background{ background-color: rgb(79, 81,  
158) }
```

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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