

Converting Colors

HunterLab(28.8140, 12.0011,
-41.4077)

Have a look what the booklet for
HunterLab(28.8140, 12.0011,
-41.4077) contains.

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Color

**HunterLab(28.7940, 12.0428,
-41.4604)**

Conversions

Conversions Part 1

Format	Color
Hex	3F4B96
RGB	63, 75, 150
RGB Percent	25%, 29%, 59%
CMY	0.7529, 0.7059, 0.4118
CMYK	0.58, 0.50, 0.00, 0.41
HSL	232°, 41%, 42%
HSV	232°, 58%, 59%
XYZ	10.0710, 8.2909, 29.9237
YIQ	79.9620, -31.2270, 20.7810

Conversions

Conversions Part 2

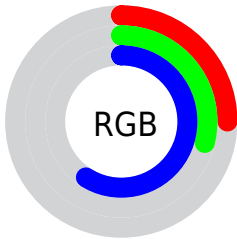
Format	Color
R _{YB}	63, 74, 150
Decimal	4148118
CIE Lab	34.58, 18.58, -42.82
CIE LCh	35, 46.677, 293.452
Yxy	8.2912, 0.2086, 0.1717
Android (android.graphics.Color)	4282338198 (0xFF3F4B96)
YUV	79.9620, 34.5287, -14.8757
Hunter-Lab	28.7940, 12.0428, -41.4604

Details

The HunterLab color **28.7940, 12.0428, -41.4604** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **50.0211, -7.0169, 25.1251**, and the grayscale version is **28.1973, -1.5045, 1.5320**.

A 20% lighter version of the original color is **47.6179, 13.0012, -42.3456**, and **13.8379, 10.8845, -40.7926** is the 20% darker color. If you saturate the color by 10%, you get **25.0665, 16.3107, -52.5180**, and if you desaturate by 10%, it is **32.8486, 8.4379, -31.6919**.

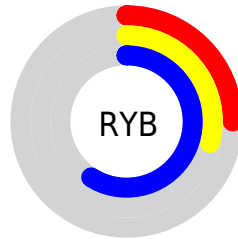
Distribution



Red (25%)

Green (29%)

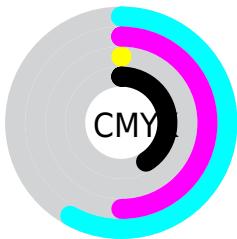
Blue (59%)



Red (25%)

Yellow (29%)

Blue (59%)

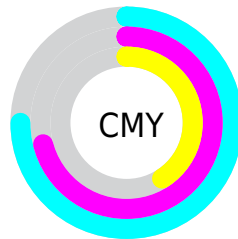


Cyan (58%)

Magenta (50%)

Yellow (0%)

Black (41%)



Cyan (75%)











Magenta (71%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.7940, 12.0428, -41.4604 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 28.7940, 12.0428, -41.4604 by changing the saturation by 10% instead.

 28.7940, 12.0428, -41.4604	 28.7940, 12.0428, -41.4604
133.4161, 14.3362, -46.9260	 20.6926, 11.3095, -41.4719
 47.4630, 13.1345, -42.4782	 13.5368, 10.4190, -42.5257
 57.8990, 13.5264, -43.1554	 7.1223, 11.0732, -49.4200
 69.0044, 13.8323, -43.8513	0.0000, NaN, -NF
	0.0000, NaN, -NF
 80.7410, 14.0613, -44.5362	0.0000, NaN, NaN
 93.0766, 14.2207, -45.1933	0.0000, NaN, NaN
105.9833, 14.3164,	0.0000, NaN, NaN

-45.8137

0.0000, NaN, NaN

119.4370, 14.3536,
-46.3921

■ 28.7940, 12.0428,
-41.4604

■ 28.7940, 12.0428,
-41.4604

■ 25.0665, 16.3107,
-52.5180

■ 32.8486, 8.4379,
-31.6919

■ 21.7568, 21.2960,
-64.8524

■ 37.1623, 5.3825,
-23.0417

■ 18.9867, 26.8641,
-77.9343

■ 41.6882, 2.7659,
-15.3010

■ 16.8676, 32.4368,
-90.4620

■ 46.3915, 0.4947,
-8.2821

■ 16.5132, 33.4458,
-92.8399

■ 51.2467, -1.5047,
-1.8315

■ 56.2347, -3.2891,
4.1718

■ 61.3403, -4.9021,
9.8218

■ 66.5518, -6.3770,
15.1913

■ 71.8597, -7.7396,
20.3370

Harmonies

Analogous

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



28.7945, -5.0294, -46.6470



28.7940, 12.0428, -41.4604



28.7945, 28.2521, -22.4735

Triad

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



28.7945, 12.0433, -41.4595



28.7945, 19.6298, 16.7131



28.7945, -26.5496, 4.7675

Complementary

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



28.7940, 12.0428, -41.4604



50.0211, -7.0169, 25.1251

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.



28.7945, -22.6575, 14.2782



28.7940, 12.0428, -41.4604



28.7945, 2.1282, 18.2484

Square

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



28.7945, 12.0433, -41.4595



28.7945, 33.2699, 11.0954



28.7945, -12.9913, 17.7049



28.7945, -25.0390, -13.0211

Rectangle

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



28.7940, 12.0428, -41.4604



28.7945, 35.1333, -8.2955



28.7945, -12.9913, 17.7049



28.7945, -25.8644, 8.8384

Sweetspot

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



28.7945, 12.0433, -41.4595



62.0498, 0.4711, -10.4134



49.6734, -24.1562, 1.9589



28.6814, 0.4576, -5.6465



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



28.7945, 12.0433, -41.4595



31.7430, 23.8022, -75.1346



28.4752, 24.4075, -42.1059



23.9882, -0.6052, -1.2199



15.1382, 30.0880, -83.8729



2.2997, 1.4980, -6.1082

Inverse Universe

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



32.4770, 29.0462, 8.3681



38.7515, 47.5771, 14.0122



51.1203, -21.4150, 25.6703



24.1405, 0.8730, 1.6254



23.2910, 40.0882, 13.4866



2.6249, 4.6127, 0.7859

Previews

White Background



This preview shows how the HunterLab color 28.7940, 12.0428, -41.4604 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 28.7940, 12.0428, -41.4604 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

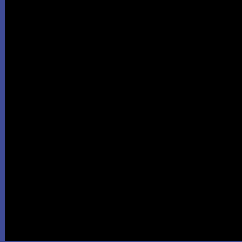
Any Text WCAG AA × Fail

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 28.7940, 12.0428, -41.4604 Background



This preview shows how black text looks on a background with the HunterLab color 28.7940, 12.0428, -41.4604.



This preview shows how white text looks on a background with the HunterLab color 28.7940, 12.0428, -41.4604.

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

28.7940, 12.0428, -41.4604

Protanopia

28.9416, 7.9676, -44.6565

Deuteranopia

28.7434, 1.1285, -38.3629



Tritanopia

28.7346, -10.3401, -4.8138

Trichromacy



Original Color

28.7940, 12.0428, -41.4604

Protanomaly

28.9432, 9.1292, -43.7411

Deuteranomaly

28.3303, 3.9050, -40.2441

Tritanomaly

28.3773, -3.0703, -16.4563

Monochromacy



Original Color

28.7940, 12.0428, -41.4604

Achromatopsia

28.3231, -1.5113, 1.5388

Achromatomaly

28.1506, 2.0866, -10.7654

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.7940, 12.0428, -41.4604 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, 75, 150)` looks like.

```
.text, #text, p{  
    color:rgb(63, 75, 150)  
}
```

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, 75, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 75, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 28.7940, 12.0428, -41.4604 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, 75, 150) }
```


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

```
.border{ border-color:rgb(63, 75, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 75, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 75, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 75, 150);  
box-shadow:4px 4px 4px 4px rgb(63, 75,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.7940, 12.0428, -41.4604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 75, 150) }
```

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

```
.background{ background-color: rgb(63, 75,  
150) }
```

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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