

Converting Colors

HunterLab(28.7167, 6.2709,
-41.7700)

Have a look what the booklet for
HunterLab(28.7167, 6.2709,
-41.7700) contains.

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Color

**HunterLab(28.6134, 6.4704,
-42.0441)**

Conversions

Conversions Part 1

Format	Color
Hex	254F96
RGB	37, 79, 150
RGB Percent	15%, 31%, 59%
CMY	0.8549, 0.6902, 0.4118
CMYK	0.75, 0.47, 0.00, 0.41
HSL	218°, 60%, 37%
HSV	218°, 75%, 59%
XYZ	9.0639, 8.1873, 29.9567
YIQ	74.5360, -47.8230, 13.1770

Conversions

Conversions Part 2

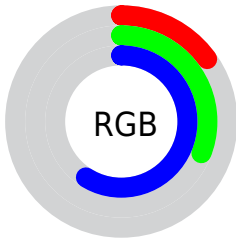
Format	Color
R_{YB}	37, 68, 150
Decimal	2445206
CIE Lab	34.37, 11.32, -43.23
CIE LCh	34, 44.693, 284.678
Yxy	8.1875, 0.1920, 0.1734
Android (android.graphics.Color)	4280635286 (0xFF254F96)
YUV	74.5360, 37.2038, -32.9191
Hunter-Lab	28.6134, 6.4704, -42.0441

Details

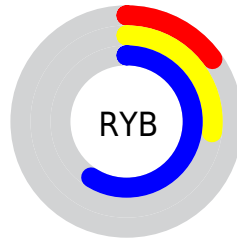
The HunterLab color $[28.6134, 6.4704, -42.0441]$ is a dark color, and the websafe version is hex 003366 . A complement of this color would be $[41.6466, 5.4468, 23.2652]$, and the grayscale version is $[26.2442, -1.4003, 1.4259]$.

A 20% lighter version of the original color is $[47.3738, 6.6801, -42.9772]$, and $[14.6410, 8.9478, -37.6156]$ is the 20% darker color. If you saturate the color by 10%, you get $[25.8844, 9.8691, -49.9702]$, and if you desaturate by 10%, it is $[31.5941, 3.7304, -34.6151]$.

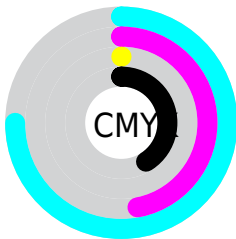
Distribution



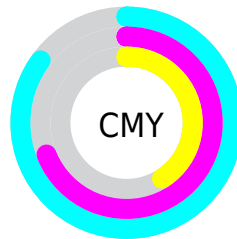
- Red (15%)
- Green (31%)
- Blue (59%)



- Red (15%)
- Yellow (27%)
- Blue (59%)



- Cyan (75%)
- Magenta (47%)
- Yellow (0%)
- Black (41%)



- Cyan (85%)
- Magenta (69%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.6134, 6.4704, -42.0441 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 28.6134, 6.4704, -42.0441 by changing the saturation by 10% instead.

■ 28.6134, 6.4704,
-42.0441

■ 28.6134, 6.4704,
-42.0441

■ 133.1148, 5.8099,
-47.5252

■ 20.5309, 6.1562,
-42.0977

■ 47.2496, 6.7943,
-43.0358

■ 13.3964, 5.7079,
-43.2476

■ 57.6709, 6.8322,
-43.7123

■ 6.9558, 6.7227,
-50.9411

■ 68.7626, 6.8008,
-44.4113

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 80.4862, 6.7073,
-45.1017

0.0000, NaN, NaN

■ 92.8094, 6.5572,
-45.7661

0.0000, NaN, NaN

■ 105.7043, 6.3552,

0.0000, NaN, NaN

-46.3946

0.0000, NaN, NaN

119.1465, 6.1051,
-46.9819

■ 28.6134, 6.4704,
-42.0441

■ 28.6134, 6.4704,
-42.0441

■ 25.8844, 9.8691,
-49.9702

■ 31.5941, 3.7304,
-34.6151

■ 23.4407, 13.9320,
-58.2951

■ 34.7896, 1.5817,
-27.7100

■ 22.3737, 15.9504,
-62.3976

■ 38.1699, -0.0548,
-21.3008

■ 41.7098, -1.2569,
-15.3366

■ 45.3890, -2.0935,
-9.7595

■ 49.1907, -2.6232,
-4.5132

■ 53.1015, -2.8941,
0.4532

■ 57.1101, -2.9458,
5.1837

■ 61.2073, -2.8108,
9.7160

Harmonies

Analogous

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



28.6138, -9.0271, -41.8573



28.6134, 6.4704, -42.0441



28.6138, 22.7489, -27.0470

Triad

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



28.6138, 6.4711, -42.0433



28.6138, 23.0617, 15.2290



28.6138, -25.0816, 8.1151

Complementary

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



28.6134, 6.4704, -42.0441



41.6466, 5.4468, 23.2652

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.



28.6138, -19.7036, 15.3207



28.6134, 6.4704, -42.0441



28.6138, 6.8324, 17.6694

Square

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



28.6138, 6.4711, -42.0433



28.6138, 33.6310, 7.8823



28.6138, -8.7352, 17.6904



28.6138, -25.1376, -6.6518

Rectangle

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



28.6134, 6.4704, -42.0441



28.6138, 30.9256, -13.5218



28.6138, -8.7352, 17.6904



28.6138, -23.8976, 11.2673

Sweetspot

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



28.6138, 6.4711, -42.0433



61.2320, -2.9420, -11.6269



48.2299, -31.4517, 12.1748



28.0540, -1.2475, -6.5847



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.



28.6138, 6.4711, -42.0433



32.2496, 16.4983, -73.4565



20.5149, 29.2840, -70.2381



24.4234, -1.3341, -0.6797



20.5165, 14.1858, -56.2670



3.2349, -0.3070, -3.3805

Inverse Universe

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



28.9348, 39.7460, 3.3677



35.4469, 59.0478, 8.7773



52.2010, -17.7401, 29.8668



24.1845, 1.1100, 0.9976



23.7029, 41.6068, 7.4491



2.7226, 4.9677, -0.6058

Previews

White Background



This preview shows how the HunterLab color 28.6134, 6.4704, -42.0441 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 28.6134, 6.4704, -42.0441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

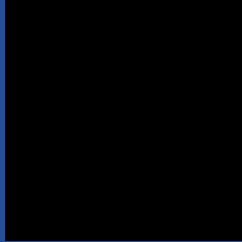
Any Text WCAG AA × Fail

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 28.6134, 6.4704, -42.0441 Background



This preview shows how black text looks on a background with the HunterLab color 28.6134, 6.4704, -42.0441.



This preview shows how white text looks on a background with the HunterLab color 28.6134, 6.4704, -42.0441.

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

28.6134, 6.4704, -42.0441

Protanopia

28.5555, 7.4613, -41.3108

Deuteranopia

28.4234, 1.3038, -38.3415



Tritanopia

28.5602, -13.9339, -5.6186

Trichromacy



Original Color

28.6134, 6.4704, -42.0441

Protanomaly

28.4431, 7.1051, -41.6196

Deuteranomaly

28.4201, 2.8655, -40.0245

Tritanomaly

28.2880, -7.5661, -17.3328

Monochromacy



Original Color

28.6134, 6.4704, -42.0441

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.6839, -0.4916, -11.4968

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.6134, 6.4704, -42.0441 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(37, 79, 150)` looks like.

```
.text, #text, p{  
    color:rgb(37, 79, 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(37, 79, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 79, 150) }
```

Border

The CSS property to change the border of an element to HunterLab 28.6134, 6.4704, -42.0441 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(37, 79, 150) }
```


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

```
.border{ border-color:rgb(37, 79, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 79, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 79, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 79, 150);  
box-shadow:4px 4px 4px 4px rgb(37, 79,  
150) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.6134, 6.4704, -42.0441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 79, 150) }
```

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

```
.background{ background-color: rgb(37, 79,  
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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