

Converting Colors

HunterLab(59.1904, -41.2580,
28.2519)

Have a look what the booklet for
HunterLab(59.1904, -41.2580,
28.2519) contains.

HunterLab(59.1523, -41.3303, 28.3115)	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(59.1523,
-41.3303, 28.3115)**

Conversions

Conversions Part 1

Format	Color
Hex	48B54F
RGB	72, 181, 79
RGB Percent	28%, 71%, 31%
CMY	0.7176, 0.2902, 0.6902
CMYK	0.60, 0.00, 0.56, 0.29
HSL	124°, 43%, 50%
HSV	124°, 60%, 71%
XYZ	20.6076, 34.9899, 13.0647
YIQ	136.7810, -32.2220, -54.8300

Conversions

Conversions Part 2

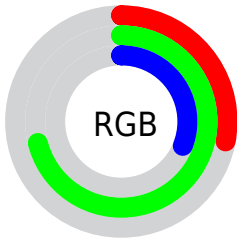
Format	Color
RYB	72, 174, 181
Decimal	4765007
CIELab	65.74, -51.96, 42.29
CIELCh	66, 66.989, 140.857
Yxy	34.9914, 0.3001, 0.5096
Android (android.graphics.Color)	4282955087 (0xFF48B54F)
YUV	136.7810, -28.4860, -56.8129
Hunter-Lab	59.1523, -41.3303, 28.3115

Details

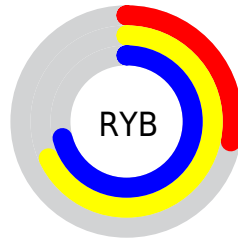
The HunterLab color $59.1523, -41.3303, 28.3115$ is a dark color, and the websafe version is hex $66CC66$. A complement of this color would be $41.8509, 50.5111, -30.0589$, and the grayscale version is $50.0486, -2.6705, 2.7192$.

A 20% lighter version of the original color is $82.2272, -48.3136, 34.3392$, and $39.0674, -32.7341, 21.8328$ is the 20% darker color. If you saturate the color by 10%, you get $58.4629, -44.5683, 30.6129$, and if you desaturate by 10%, it is $60.0594, -37.1644, 25.4473$.

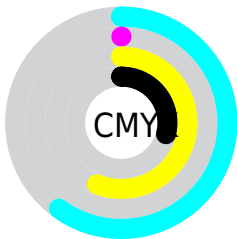
Distribution



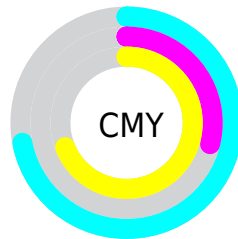
- Red (28%)
- Green (71%)
- Blue (31%)



- Red (28%)
- Yellow (68%)
- Blue (71%)



- Cyan (60%)
- Magenta (0%)
- Yellow (56%)
- Black (29%)



- Cyan (72%)
- Magenta (29%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.1523, -41.3303, 28.3115 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 59.1523, -41.3303, 28.3115 by changing the saturation by 10% instead.

■ 59.1523, -41.3303,
28.3115

■ 59.1523, -41.3303,
28.3115

180.1473,
-69.5635, 52.8544

■ 48.6377, -37.5935,
25.0959

■ 82.1416, -48.2820,
34.3190

■ 38.8315, -33.6164,
21.6923

■ 94.5448, -51.5599,
37.1605

■ 29.7905, -29.3239,
18.0548

■ 107.5161,
-54.7362, 39.9186

■ 21.5860, -24.5993,
14.7078

■ 121.0317,
-57.8273, 42.6069

■ 14.3141, -20.2099,
10.0199

■ 135.0706,
-60.8460, 45.2364

■ 7.9729, -13.9526,
5.5810

149.6138,

0.0000, NaN, NaN

-63.8028, 47.8162

0.0000, NaN, NaN

164.6445,
-66.7063, 50.3534

0.0000, NaN, NaN

■ 59.1523, -41.3303,
28.3115

■ 59.1523, -41.3303,
28.3115

■ 58.4629, -44.5683,
30.6129

■ 60.0594, -37.1644,
25.4473

■ 57.9750, -46.8941,
32.3509

■ 61.1877, -32.0843,
22.0386

■ 57.6711, -48.3681,
33.5482

■ 62.5415, -26.1360,
18.1207

■ 57.5107, -49.1562,
34.2308

■ 64.1198, -19.3861,
13.7403

■ 65.9184, -11.9157,
8.9513

■ 67.9307, -3.8130,
3.8107

■ 70.1483, 4.8323,
-1.6250

■ 72.5613, 13.9340,
-7.3026

■ 75.1594, 23.4126,
-13.1738

Harmonies

Analogous

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



59.1535, -22.1919, 34.8499



59.1523, -41.3303, 28.3115



59.1535, -49.7306, 11.2353

Triad

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



59.1535, -41.3312, 28.3118



59.1535, -11.9831, -79.7187



59.1535, 60.3996, 19.5118

Complementary

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



59.1523, -41.3303, 28.3115



41.8509, 50.5111, -30.0589

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.



59.1535, 64.6293, -6.1025



59.1523, -41.3303, 28.3115



59.1535, 18.6324, -73.6143

Square

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



59.1535, -41.3312, 28.3118



59.1535, -35.1312, -56.4958



59.1535, 48.1056, -42.5000



59.1535, 37.4861, 31.7972

Rectangle

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



59.1523, -41.3303, 28.3115



59.1535, -49.5341, -7.9830



59.1535, 48.1056, -42.5000



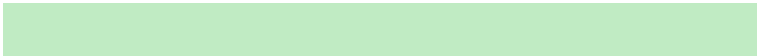
59.1535, 64.2101, 12.5861

Sweetspot

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



59.1535, -41.3312, 28.3118



86.2479, -24.0944, 17.1970



65.3415, -17.3744, 34.3958



39.7931, -12.4810, 8.8194



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



59.1535, -41.3312, 28.3118



78.0158, -60.6964, 41.7391



60.0762, -35.7294, 14.8660



30.8199, -5.2242, 3.9624



47.7535, -40.7876, 28.3610



8.4878, -7.1273, 4.7768

Inverse Universe

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



41.8509, 50.5111, -30.0589



51.7904, 79.9025, -47.2172



39.8004, 41.7027, -1.7171



29.3890, 2.1758, -0.7763



29.5984, 57.4059, -32.9481



5.2769, 10.2757, -6.1934

Previews

White Background



This preview shows how the HunterLab color 59.1523, -41.3303, 28.3115 looks on a white 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

Black Background



This preview shows how the HunterLab color 59.1523, -41.3303, 28.3115 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 59.1523, -41.3303, 28.3115 Background



This preview shows how black text looks on a background with the HunterLab color 59.1523, -41.3303, 28.3115.



This preview shows how white text looks on a background with the HunterLab color 59.1523,

-41.3303, 28.3115.

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

59.1523, -41.3303, 28.3115

Protanopia

58.7318, -7.1287, 29.8763

Deuteranopia

58.5582, 4.3186, 27.0294



Tritanopia

58.9973, -18.3375, -9.5396

Trichromacy



Original Color

59.1523, -41.3303, 28.3115



Protanomaly

57.9212, -22.5615, 28.4819



Deuteranomaly

57.4150, -16.2292, 26.4333



Tritanomaly

58.7122, -28.4300, 8.2188

Monochromacy



Original Color

59.1523, -41.3303, 28.3115



Achromatopsia

50.0158, -2.6687, 2.7175



Achromatomaly

52.4920, -19.2475, 13.3456

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.1523, -41.3303, 28.3115 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(72, 181, 79)` looks like.

```
.text, #text, p{  
    color:rgb(72, 181, 79)  
}
```

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(72, 181, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(72, 181, 79) }
```

Border

The CSS property to change the border of an element to HunterLab 59.1523, -41.3303, 28.3115 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(72, 181, 79) }
```


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

```
.border{ border-color:rgb(72, 181, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(72, 181, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(72, 181, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(72, 181, 79);  
box-shadow:4px 4px 4px 4px rgb(72, 181,  
79) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.1523, -41.3303, 28.3115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(72, 181, 79) }
```

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

```
.background{ background-color: rgb(72, 181,  
79) }
```

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