

Converting Colors

HunterLab(53.3435, 74.8289,
-5.3024)

Have a look what the booklet for
HunterLab(53.3435, 74.8289,
-5.3024) contains.

HunterLab(53.3696, 74.7859, -5.3509)	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(53.3696, 74.7859,
-5.3509)**

Conversions

Conversions Part 1

Format	Color
Hex	FF47A5
RGB	255, 71, 165
RGB Percent	100%, 28%, 65%
CMY	0.0000, 0.7215, 0.3529
CMYK	0.00, 0.72, 0.35, 0.00
HSL	329°, 100%, 64%
HSV	329°, 72%, 100%
XYZ	50.2848, 28.4831, 38.4449
YIQ	136.7320, 79.4900, 68.2420

Conversions

Conversions Part 2

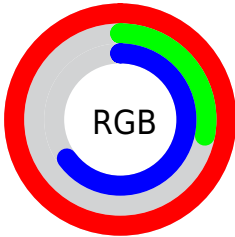
Format	Color
RYB	255, 71, 165
Decimal	16730021
CIELab	60.32, 75.41, -9.77
CIElCh	60, 76.041, 352.621
Yxy	28.4847, 0.4290, 0.2430
Android (android.graphics.Color)	4294920101 (0xFFFF47A5)
YUV	136.7320, 13.9361, 103.7210
Hunter-Lab	53.3696, 74.7859, -5.3509

Details

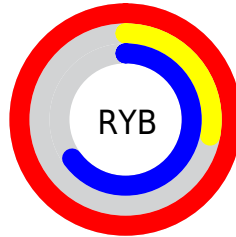
The HunterLab color **53.3696, 74.7859, -5.3509** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **86.8526, -59.9321, 29.4475**, and the grayscale version is **49.8359, -2.6591, 2.7077**.

A 20% lighter version of the original color is **65.7285, 54.8318, -19.6160**, and **35.3973, 63.9871, -3.2361** is the 20% darker color. If you saturate the color by 10%, you get **50.4583, 81.1790, -2.6583**, and if you desaturate by 10%, it is **57.3697, 65.9166, -6.7389**.

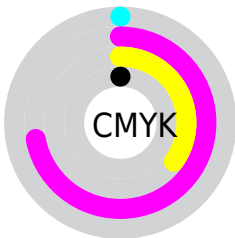
Distribution



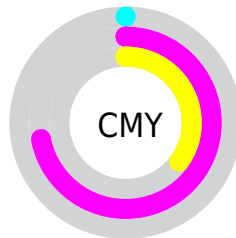
- Red (100%)
- Green (28%)
- Blue (65%)



- Red (100%)
- Yellow (28%)
- Blue (65%)



- Cyan (0%)
- Magenta (72%)
- Yellow (35%)
- Black (0%)





- Cyan (0%)
- Magenta (72%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 53.3696, 74.7859, -5.3509 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 53.3696, 74.7859, -5.3509 by changing the saturation by 10% instead.


 53.3696, 74.7859,
-5.3509


 53.3696, 74.7859,
-5.3509


171.6903, 92.7583,
-2.3685


 43.2335, 72.3946,
-5.4257


 75.6685, 79.3855,
-5.0156


 33.8341, 70.0198,
-5.4330


 87.7527, 81.5633,
-4.7683

 25.2362, 67.7906,
-5.3631

 100.4194, 83.6501,
-4.4727

 17.5229, 66.0327,
-5.2063

 113.6429, 85.6454,
-4.1321

 10.8104, 65.6800,
-4.9555

127.4007, 87.5510,
-3.7492

 1.8942, 218.6500,
-21.2688

141.6729, 89.3695,

0.0000, INF, NaN

-3.3262

0.0000, NaN, NaN

156.4415, 91.1042,
-2.8654

0.0000, NaN, NaN

■ 53.3696, 74.7859,
-5.3509

■ 53.3696, 74.7859,
-5.3509

■ 50.4583, 81.1790,
-2.6583

■ 57.3697, 65.9166,
-6.7389

■ 48.6372, 84.5429,
1.1797

■ 62.3678, 55.3945,
-6.8821

■ 47.8318, 85.2977,
4.6733

■ 68.2432, 43.9586,
-5.9531

■ 74.8683, 32.1496,
-4.1603

■ 82.1274, 20.3018,
-1.6954

89.9220, 8.5941,
1.2856

98.1716, -2.8947,
4.6634

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



53.3710, 56.7683, -47.5628



53.3696, 74.7859, -5.3509



53.3710, 68.3523, 21.1509

Triad

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



53.3710, 74.7815, -5.3493



53.3710, -24.9176, 33.8595



53.3710, -35.8697, -69.6870

Complementary

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



53.3696, 74.7859, -5.3509



86.8526, -59.9321, 29.4475

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.



53.3710, -49.3221, -25.5529



53.3696, 74.7859, -5.3509



53.3710, -44.1413, 27.9326

Square

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



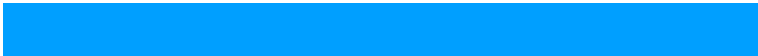
53.3710, 74.7815, -5.3493



53.3710, 5.4551, 34.6784



53.3710, -51.9359, 10.0210



53.3710, -10.6776, -96.7577

Rectangle

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



53.3696, 74.7859, -5.3509



53.3710, 51.6557, 29.5886



53.3710, -51.9359, 10.0210



53.3710, -41.6404, -55.4295

Sweetspot

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



53.3710, 74.7815, -5.3493



82.2422, 20.1224, -1.6535



43.8125, 65.0652, -99.8933



37.1110, 10.7917, -1.1016

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



53.3710, 74.7815, -5.3493



49.4433, 83.2034, -0.9218



51.2479, 66.1232, 25.2250



42.5934, 2.5581, 0.9926



34.6193, 61.8174, 2.7523



10.9042, 19.6586, -0.5881

Inverse Universe

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



53.3710, 74.7815, -5.3493



49.4433, 83.2034, -0.9218



89.3779, -44.7323, -6.7650



42.5934, 2.5581, 0.9926



34.6193, 61.8174, 2.7523



10.9042, 19.6586, -0.5881

Previews

White Background



This preview shows how the HunterLab color 53.3696, 74.7859, -5.3509 looks on a white background.

Color Contrast Check

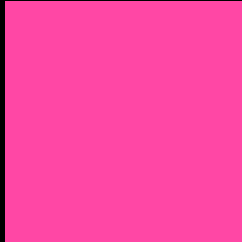
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 53.3696, 74.7859, -5.3509 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

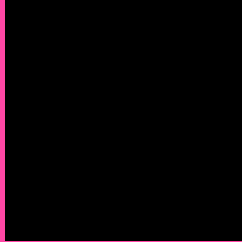
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 53.3696, 74.7859, -5.3509 Background



This preview shows how black text looks on a background with the HunterLab color 53.3696, 74.7859, -5.3509.



This preview shows how white text looks on a background with the HunterLab color 53.3696, 74.7859, -5.3509.

-5.3509.

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

53.3696, 74.7859, -5.3509

Protanopia

53.5141, 6.3712, -37.3982

Deuteranopia

53.3091, 3.9572, -2.0631



Tritanopia

53.3503, 57.6872, 21.8523

Trichromacy



Original Color

53.3696, 74.7859, -5.3509

Protanomaly

50.2535, 28.9263, -30.1431

Deuteranomaly

51.0591, 29.4711, -6.1101

Tritanomaly

53.1395, 63.6344, 14.0323

Monochromacy



Original Color

53.3696, 74.7859, -5.3509

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

48.6006, 25.1108, -3.2880

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.3696, 74.7859, -5.3509 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(255, 71, 165)` looks like.

```
.text, #text, p{  
    color:rgb(255, 71, 165)  
}
```

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(255, 71, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 71, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 53.3696, 74.7859, -5.3509 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(255, 71, 165) }
```


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

```
.border{ border-color:rgb(255, 71, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 71, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 71, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 71, 165);  
box-shadow:4px 4px 4px 4px rgb(255, 71,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.3696, 74.7859, -5.3509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 71, 165) }
```

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

```
.background{ background-color: rgb(255, 71,  
165) }
```

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