

Converting Colors

HunterLab(51.7144, 79.8143,
8.4008)

Have a look what the booklet for
HunterLab(51.7144, 79.8143,
8.4008) contains.

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Color

**HunterLab(50.2927, 77.3412,
6.6090)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3384
RGB	255, 51, 132
RGB Percent	100%, 20%, 52%
CMY	0.0000, 0.7999, 0.4824
CMYK	0.00, 0.80, 0.48, 0.00
HSL	336°, 100%, 60%
HSV	336°, 80%, 100%
XYZ	46.5886, 25.2936, 24.2564
YIQ	121.2300, 95.5830, 68.4390

Conversions

Conversions Part 2

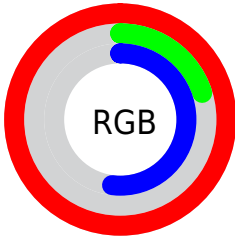
Format	Color
R_{YB}	255, 51, 132
Decimal	16724868
CIE _{Lab}	57.36, 78.02, 5.24
CIE _{LCh}	57, 78.194, 3.845
Yxy	25.2950, 0.4846, 0.2631
Android (android.graphics.Color)	4294914948 (0xFFFF3384)
YUV	121.2300, 5.3096, 117.3163
Hunter-Lab	50.2927, 77.3412, 6.6090

Details

The HunterLab color **50.2927, 77.3412, 6.6090** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **86.7644, -59.7376, 25.0482**, and the grayscale version is **43.7733, -2.3356, 2.3783**.

A 20% lighter version of the original color is **61.4163, 56.6611, -5.4735**, and **34.3962, 60.7202, 8.1514** is the 20% darker color. If you saturate the color by 10%, you get **48.2214, 81.4012, 10.5884**, and if you desaturate by 10%, it is **53.4965, 70.3986, 3.4316**.

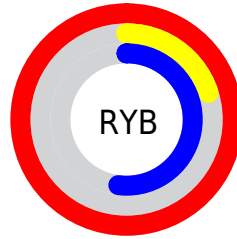
Distribution



Red (100%)

Green (20%)

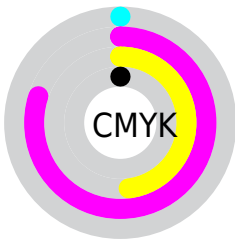
Blue (52%)



Red (100%)

Yellow (20%)

Blue (52%)

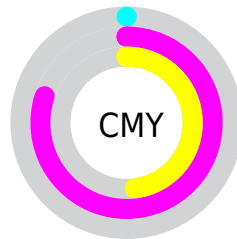


Cyan (0%)

Magenta (80%)

Yellow (48%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 50.2927, 77.3412, 6.6090 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 50.2927, 77.3412, 6.6090 by changing the saturation by 10% instead.


 50.2927, 77.3412,
6.6090


 50.2927, 77.3412,
6.6090


167.1239, 96.1494,
15.0109


 40.3695, 74.9038,
5.7727


 72.2049, 82.0984,
8.3386


 31.2003, 72.5359,
4.9495


 84.1110, 84.3697,
9.2316


 22.8546, 70.4248,
4.1357

 96.6079, 86.5534,
10.1445

 15.4236, 69.0539,
3.3218

 109.6690, 88.6472,
11.0776

 9.0277, 70.0191,
2.8989

 123.2707, 90.6514,
12.0308

0.0000, INF, NaN

0.0000, INF, NaN

137.3925, 92.5680,

13.0043

0.0000, NaN, NaN

152.0158, 94.3996,
13.9977

0.0000, NaN, NaN

■ 50.2927, 77.3412,
6.6090

■ 50.2927, 77.3412,
6.6090

■ 48.2214, 81.4012,
10.5884

■ 53.4965, 70.3986,
3.4316

■ 47.1219, 82.6999,
14.9126

■ 57.7940, 61.2616,
1.2567

■ 47.1213, 82.7005,
14.9154

■ 63.0810, 50.7453,
0.1065

■ 69.2248, 39.5416,
-0.1167

■ 76.0949, 28.1214,
0.4415

■ 83.5760, 16.7581,
1.6339

■ 91.5721, 5.5864,
3.3326

100.0000, -5.3359,
5.4331

Harmonies

Analogous

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



50.2942, 67.6774, -31.6962



50.2927, 77.3412, 6.6090



50.2942, 61.4249, 26.0530

Triad

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



50.2942, 77.3362, 6.6104



50.2942, -33.3088, 31.4662



50.2942, -27.6584, -86.8530

Complementary

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



50.2927, 77.3412, 6.6090



86.7644, -59.7376, 25.0482

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.



50.2942, -45.2021, -43.6718



50.2927, 77.3412, 6.6090



50.2942, -47.8267, 22.7049

Square

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



50.2942, 77.3362, 6.6104



50.2942, -6.8609, 33.3791



50.2942, -51.5433, -1.4698



50.2942, 1.6291, -102.0210

Rectangle

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



50.2927, 77.3412, 6.6090



50.2942, 40.3728, 31.1267



50.2942, -51.5433, -1.4698



50.2942, -34.8486, -74.1890

Sweetspot

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



50.2942, 77.3362, 6.6104



80.5119, 21.2933, 1.0887



43.0346, 76.3261, -102.4893



36.0220, 11.7270, 0.3138

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



50.2942, 77.3362, 6.6104



47.4881, 82.3790, 13.2032



51.0476, 64.9339, 28.9521



42.5518, 2.3347, 1.5854



34.1022, 59.9282, 10.1979



10.7385, 19.0561, 1.7755

Inverse Universe

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



50.2942, 77.3362, 6.6104



47.4881, 82.3790, 13.2032



81.9224, -36.5761, -18.6306



42.5518, 2.3347, 1.5854



34.1022, 59.9282, 10.1979



10.7385, 19.0561, 1.7755

Previews

White Background



This preview shows how the HunterLab color 50.2927, 77.3412, 6.6090 looks on a white background.

Color Contrast Check

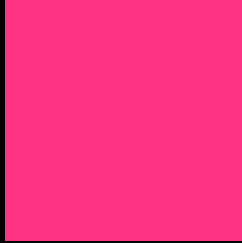
Large Text (above 18pt) WCAG AA ✓ Pass

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 50.2927, 77.3412, 6.6090 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 50.2927, 77.3412, 6.6090 Background



This preview shows how black text looks on a background with the HunterLab color 50.2927, 77.3412, 6.6090.



This preview shows how white text looks on a background with the HunterLab color 50.2927, 77.3412,

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

50.2927, 77.3412, 6.6090

Protanopia

50.4139, 3.1069, -19.6633

Deuteranopia

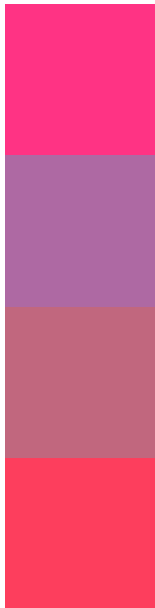
50.3471, 3.3814, 9.4000



Tritanopia

50.2838, 65.8870, 25.1092

Trichromacy



Original Color

50.2927, 77.3412, 6.6090

Protanomaly

46.6328, 29.8499, -14.7978

Deuteranomaly

47.4808, 31.9783, 5.1694

Tritanomaly

50.1181, 69.7385, 19.8523

Monochromacy



Original Color

50.2927, 77.3412, 6.6090

Achromatopsia

43.7266, -2.3331, 2.3758

Achromatomaly

42.8864, 26.7638, 0.0719

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 50.2927, 77.3412, 6.6090 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, 51, 132)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 132)  
}
```

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, 51, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 50.2927, 77.3412, 6.6090 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, 51, 132) }
```


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

```
.border{ border-color:rgb(255, 51, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 51, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 132);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 50.2927, 77.3412, 6.6090 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 51, 132) }
```

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

```
.background{ background-color: rgb(255, 51,  
132) }
```

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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