

Converting Colors

HunterLab(49.3017, 73.6282,
20.6153)

Have a look what the booklet for
HunterLab(49.3017, 73.6282,
20.6153) contains.

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Color

**HunterLab(49.3277, 73.5678,
20.5863)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3358
RGB	255, 51, 88
RGB Percent	100%, 20%, 35%
CMY	0.0000, 0.7999, 0.6549
CMYK	0.00, 0.80, 0.65, 0.00
HSL	349°, 100%, 60%
HSV	349°, 80%, 100%
XYZ	44.1853, 24.3322, 11.6003
YIQ	116.2140, 109.7070, 54.7550

Conversions

Conversions Part 2

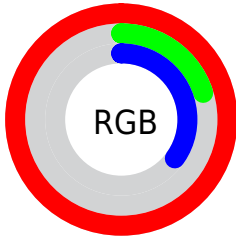
Format	Color
R_{YB}	255, 51, 88
Decimal	16724824
CIE Lab	56.42, 75.18, 30.05
CIE LCh	56, 80.960, 21.787
Yxy	24.3337, 0.5515, 0.3037
Android (android.graphics.Color)	4294914904 (0xFFFF3358)
YUV	116.2140, -13.9095, 121.7153
Hunter-Lab	49.3277, 73.5678, 20.5863

Details

The HunterLab color **49.3277, 73.5678, 20.5863** is a dark color, and the websafe version is hex **FF3366**. The color can be described as dark washed red. A complement of this color would be **87.9128, -52.7670, 8.5059**, and the grayscale version is **41.8991, -2.2356, 2.2765**.

A 20% lighter version of the original color is **59.8478, 50.9228, 13.9487**, and **33.3490, 57.6342, 17.4952** is the 20% darker color. If you saturate the color by 10%, you get **47.3120, 77.9846, 23.8397**, and if you desaturate by 10%, it is **52.5375, 66.4328, 17.2480**.

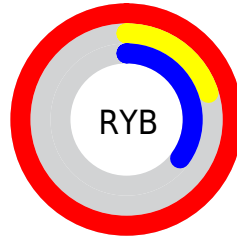
Distribution



Red (100%)

Green (20%)

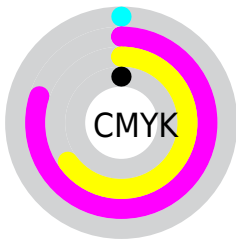
Blue (35%)



Red (100%)

Yellow (20%)

Blue (35%)

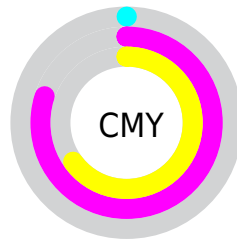


Cyan (0%)

Magenta (80%)

Yellow (65%)

Black (0%)



Cyan (0%)


Magenta (80%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.3277, 73.5678, 20.5863 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 49.3277, 73.5678, 20.5863 by changing the saturation by 10% instead.


 49.3277, 73.5678,
20.5863


 49.3277, 73.5678,
20.5863


165.6814, 91.7754,
39.8874


 39.4732, 71.1742,
18.0886


 71.1155, 78.2100,
25.2538


 30.3783, 68.8354,
15.4316


 82.9645, 80.4165,
27.4691


 22.1144, 66.7306,
12.5607

 95.4070, 82.5326,
29.6274

 14.7754, 65.3346,
10.3428

 108.4160, 84.5570,
31.7401

 8.4307, 66.9031,
5.9015

 121.9678, 86.4908,
33.8161

0.0000, INF, NaN

0.0000, INF, NaN

136.0414, 88.3363,

35.8624

0.0000, NaN, NaN

150.6182, 90.0967,
37.8847

0.0000, NaN, NaN

■ 49.3277, 73.5678,
20.5863

■ 49.3277, 73.5678,
20.5863

■ 47.3120, 77.9846,
23.8397

■ 52.5375, 66.4328,
17.2480

■ 46.3244, 79.7597,
26.6002

■ 56.8957, 57.3160,
14.1446

■ 46.3238, 79.7607,
26.6018

■ 62.2857, 47.0503,
11.4834

■ 68.5623, 36.3105,
9.3461

■ 75.5843, 25.5305,
7.7280

■ 83.2294, 14.9421,
6.5793

■ 91.3968, 4.6436,
5.8356

99.9999, -5.3360,
5.4331

Harmonies

Analogous

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



49.3292, 79.7746, -7.0085



49.3277, 73.5678, 20.5863



49.3292, 44.4539, 30.7713

Triad

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



49.3292, 73.5624, 20.5873



49.3292, -44.0808, 27.6890



49.3292, -11.5964, -106.3851

Complementary

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



49.3277, 73.5678, 20.5863



87.9128, -52.7670, 8.5059

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.



49.3292, -36.7986, -74.9922



49.3277, 73.5678, 20.5863



49.3292, -51.9561, 10.7396

Square

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



49.3292, 73.5624, 20.5873



49.3292, -24.5519, 32.5239



49.3292, -49.7078, -26.2832



49.3292, 23.9356, -96.4160

Rectangle

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



49.3277, 73.5678, 20.5863



49.3292, 19.4119, 32.7259



49.3292, -49.7078, -26.2832



49.3292, -21.3818, -99.8372

Sweetspot

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



49.3292, 73.5624, 20.5873



80.0983, 19.1536, 6.9873



49.4302, 86.9382, -81.4977



35.8037, 10.6107, 3.4273

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.3292, 73.5624, 20.5873



46.6404, 79.2359, 25.5984



58.2242, 45.3808, 33.4805



42.4745, 1.9194, 2.6873



33.5086, 57.7408, 18.8898



10.5219, 18.2612, 4.9222

Inverse Universe

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



49.3292, 73.5624, 20.5873



46.6404, 79.2359, 25.5984



67.0276, -16.3211, -42.6695



42.4745, 1.9194, 2.6873



33.5086, 57.7408, 18.8898



10.5219, 18.2612, 4.9222

Previews

White Background



This preview shows how the HunterLab color 49.3277, 73.5678, 20.5863 looks on a white background.

Color Contrast Check

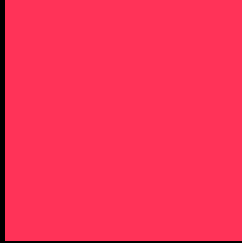
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.3277, 73.5678, 20.5863 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 49.3277, 73.5678, 20.5863 Background



This preview shows how black text looks on a background with the HunterLab color 49.3277, 73.5678, 20.5863.



This preview shows how white text looks on a background with the HunterLab color 49.3277, 73.5678,

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

49.3277, 73.5678, 20.5863

Protanopia

49.3921, -2.7326, 8.2853

Deuteranopia

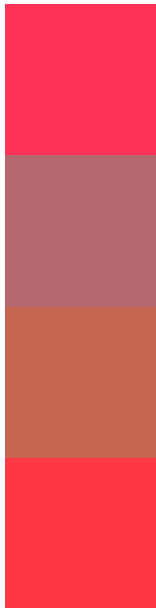
49.2297, 3.4315, 21.9392



Tritanopia

49.2976, 69.7880, 26.7844

Trichromacy



Original Color

49.3277, 73.5678, 20.5863

Protanomaly

45.7947, 25.3199, 9.5626

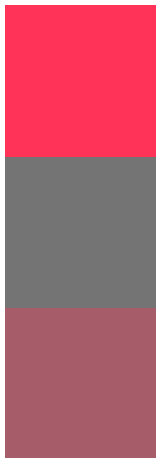
Deuteranomaly

46.8051, 30.3185, 19.5108

Tritanomaly

49.2269, 70.9102, 24.7936

Monochromacy



Original Color

49.3277, 73.5678, 20.5863

Achromatopsia

41.7908, -2.2299, 2.2706

Achromatomaly

41.1222, 25.1163, 6.1191

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.3277, 73.5678, 20.5863 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, 88)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 88)  
}
```

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, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 88) }
```

Border

The CSS property to change the border of an element to HunterLab 49.3277, 73.5678, 20.5863 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, 88) }
```


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

```
.border{ border-color:rgb(255, 51, 88) }
```

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, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 88);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
88) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.3277, 73.5678, 20.5863 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, 88) }
```

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

```
.background{ background-color: rgb(255, 51,  
88) }
```

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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