

Converting Colors

HunterLab(49.8625, 75.6643,
12.8068)

Have a look what the booklet for
HunterLab(49.8625, 75.6643,
12.8068) contains.

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Color

**HunterLab(49.8653, 75.6753,
12.7663)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3373
RGB	255, 51, 115
RGB Percent	100%, 20%, 45%
CMY	0.0000, 0.7999, 0.5490
CMYK	0.00, 0.80, 0.55, 0.00
HSL	341°, 100%, 60%
HSV	341°, 80%, 100%
XYZ	45.5184, 24.8655, 18.6201
YIQ	119.2920, 101.0400, 63.1520

Conversions

Conversions Part 2

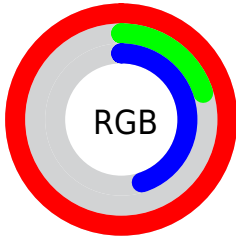
Format	Color
R_{YB}	255, 51, 115
Decimal	16724851
CIE _{Lab}	56.95, 76.77, 14.76
CIE _{LCh}	57, 78.175, 10.880
Yxy	24.8669, 0.5114, 0.2794
Android (android.graphics.Color)	4294914931 (0xFFFF3373)
YUV	119.2920, -2.1160, 119.0159
Hunter-Lab	49.8653, 75.6753, 12.7663

Details

The HunterLab color **49.8653, 75.6753, 12.7663** is a dark color, and the websafe version is hex **FF3366**. The color can be described as middle washed rose. A complement of this color would be **87.1701, -57.2636, 19.1793**, and the grayscale version is **43.0476, -2.2969, 2.3389**.

A 20% lighter version of the original color is **60.8333, 54.0260, 2.7993**, and **33.9024, 59.2899, 12.3643** is the 20% darker color. If you saturate the color by 10%, you get **47.8016, 79.8285, 16.6735**, and if you desaturate by 10%, it is **53.0850, 68.7026, 9.3304**.

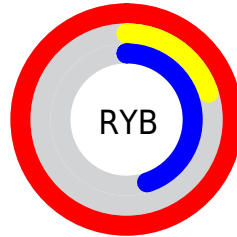
Distribution



Red (100%)

Green (20%)

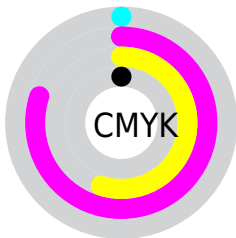
Blue (45%)



Red (100%)

Yellow (20%)

Blue (45%)

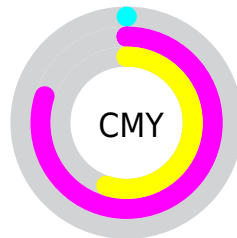


Cyan (0%)

Magenta (80%)

Yellow (55%)

Black (0%)



Cyan (0%)


Magenta (80%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 49.8653, 75.6753, 12.7663 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 49.8653, 75.6753, 12.7663 by changing the saturation by 10% instead.


 49.8653, 75.6753,
12.7663


 49.8653, 75.6753,
12.7663


166.4856, 94.2219,
25.1228


 39.9724, 73.2568,
11.3349


 71.7226, 80.3826,
15.5523


 30.8359, 70.9014,
9.8553


 83.6035, 82.6257,
16.9230


 22.5263, 68.7929,
8.3025

 96.0764, 84.7800,
18.2872

 15.1359, 67.4111,
6.6318

 109.1144, 86.8436,
19.6490

 8.7688, 68.5703,
6.1381

 122.6941, 88.8170,
21.0113

0.0000, INF, NaN

0.0000, INF, NaN

136.7946, 90.7026,

22.3766

0.0000, NaN, NaN

151.3974, 92.5031,
23.7466

0.0000, NaN, NaN

■ 49.8653, 75.6753,
12.7663

■ 49.8653, 75.6753,
12.7663

■ 47.8016, 79.8285,
16.6735

■ 53.0850, 68.7026,
9.3304

■ 46.7327, 81.2683,
20.5910

■ 57.4180, 59.6153,
6.6280

■ 46.7321, 81.2690,
20.5936

■ 62.7546, 49.2334,
4.7586

■ 68.9574, 38.2401,
3.6935

■ 75.8917, 27.0913,
3.3380

■ 83.4397, 16.0439,
3.5785

■ 91.5039, 5.2191,
4.3077

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.



49.8668, 72.0639, -21.2240



49.8653, 75.6753, 12.7663



49.8668, 54.5812, 28.1871

Triad

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



49.8668, 75.6701, 12.7675



49.8668, -37.6080, 30.1132



49.8668, -21.6962, -93.8353

Complementary

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



49.8653, 75.6753, 12.7663



87.1701, -57.2636, 19.1793

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.



49.8668, -41.9691, -54.7237



49.8653, 75.6753, 12.7663



49.8668, -49.3776, 18.6458

Square

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



49.8668, 75.6701, 12.7675



49.8668, -14.0241, 33.0031



49.8668, -50.7349, -9.9973



49.8668, 9.8151, -99.5430

Rectangle

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



49.8653, 75.6753, 12.7663



49.8668, 31.9122, 31.8344



49.8668, -50.7349, -9.9973



49.8668, -29.8075, -83.3593

Sweetspot

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



49.8668, 75.6701, 12.7675



80.3483, 20.4484, 3.4178



45.3747, 80.1977, -94.2576



35.9353, 11.2844, 1.5480

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.8668, 75.6701, 12.7675



47.0843, 80.8856, 19.0786



53.4292, 58.0462, 30.4612



42.5217, 2.1730, 2.0144



33.8156, 58.8746, 14.3749



10.6401, 18.6961, 3.1968

Inverse Universe

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



49.8668, 75.6701, 12.7675



47.0843, 80.8856, 19.0786



76.0666, -28.9625, -27.3767



42.5217, 2.1730, 2.0144



33.8156, 58.8746, 14.3749



10.6401, 18.6961, 3.1968

Previews

White Background



This preview shows how the HunterLab color 49.8653, 75.6753, 12.7663 looks on a white background.

Color Contrast Check

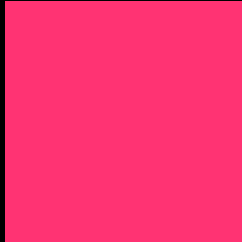
Large Text (above 18pt) WCAG AA ✓ Pass

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 49.8653, 75.6753, 12.7663 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 49.8653, 75.6753, 12.7663 Background



This preview shows how black text looks on a background with the HunterLab color 49.8653, 75.6753, 12.7663.



This preview shows how white text looks on a background with the HunterLab color 49.8653, 75.6753,

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

49.8653, 75.6753, 12.7663

Protanopia

50.0292, 0.0871, -6.9737

Deuteranopia

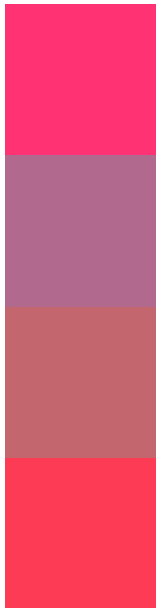
49.8293, 3.6586, 14.8666



Tritanopia

49.9428, 67.4469, 25.8363

Trichromacy



Original Color

49.8653, 75.6753, 12.7663

Protanomaly

46.2637, 27.3244, -3.8110

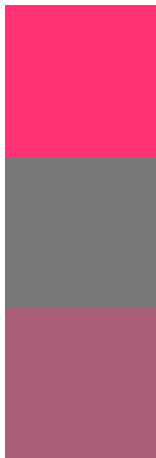
Deuteranomaly

47.1264, 31.2252, 11.3834

Tritanomaly

49.8386, 70.5046, 21.9665

Monochromacy



Original Color

49.8653, 75.6753, 12.7663

Achromatopsia

42.9506, -2.2917, 2.3336

Achromatomaly

41.9979, 26.0486, 2.1384

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.8653, 75.6753, 12.7663 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, 115)` looks like.

```
.text, #text, p{  
    color:rgb(255, 51, 115)  
}
```

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, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 51, 115) }
```

Border

The CSS property to change the border of an element to HunterLab 49.8653, 75.6753, 12.7663 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, 115) }
```


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

```
.border{ border-color:rgb(255, 51, 115) }
```

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, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 51, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 51, 115);  
box-shadow:4px 4px 4px 4px rgb(255, 51,  
115) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.8653, 75.6753, 12.7663 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, 115) }
```

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

```
.background{ background-color: rgb(255, 51,  
115) }
```

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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