

Converting Colors

RGB(124, 64, 113)

Have a look what the booklet for
RGB(124, 64, 113) contains.

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Color

RGB(124, 64, 113)

Conversions

Conversions Part 1

Format	Color
Hex	7C4071
RGB	124, 64, 113
RGB Percent	49%, 25%, 44%
CMY	0.5137, 0.7490, 0.5569
CMYK	0.00, 0.48, 0.09, 0.51
HSL	311°, 32%, 37%
HSV	311°, 48%, 49%
XYZ	13.1262, 9.1441, 16.6960
YIQ	87.5260, 20.0310, 27.9590

Conversions

Conversions Part 2

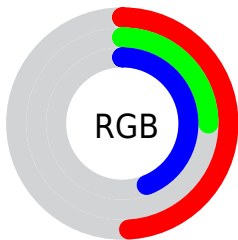
Format	Color
R_{YB}	124, 64, 113
Decimal	8142961
CIE _{Lab}	36.26, 33.19, -16.94
CIE _{LCh}	36, 37.262, 332.952
Y _{xy}	9.1441, 0.3369, 0.2347
Android (android.graphics.Color)	4286333041 (0xFF7C4071)
YUV	87.5260, 12.5587, 31.9877
Hunter-Lab	30.2393, 24.5643, -11.5682

Details

The RGB color **124, 64, 113** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **64, 124, 75**, and the grayscale version is **87, 87, 87**.

A 20% lighter version of the original color is **178, 114, 165**, and **73, 15, 65** is the 20% darker color. If you saturate the color by 10%, you get **124, 52, 111**, and if you desaturate by 10%, it is **124, 76, 115**.

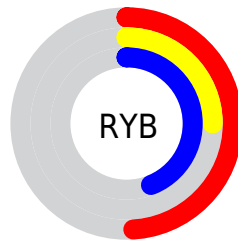
Distribution



Red (49%)

Green (25%)

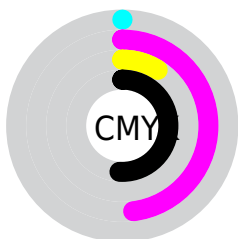
Blue (44%)



Red (49%)

Yellow (25%)

Blue (44%)

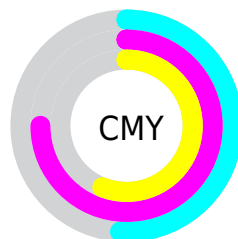


Cyan (0%)

Magenta (48%)

Yellow (9%)

Black (51%)



Cyan (51%)

Magenta (75%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 124, 64, 113 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 RGB color 124, 64, 113 by changing the saturation by 10% instead.



124, 64, 113



124, 64, 113

255, 255, 255



98, 40, 88



178, 114, 165



73, 15, 65



206, 140, 192



49, 0, 43



235, 167, 220



25, 0, 22



255, 194, 249



0, 0, 0



255, 223, 255



255, 251, 255



124, 64, 113



124, 64, 113



124, 52, 111



124, 76, 115

124, 39, 108

124, 89, 118

124, 27, 106

124, 101, 120

124, 14, 104

124, 114, 122

124, 2, 102

124, 126, 124

124, 0, 101

124, 138, 127

124, 151, 129

124, 163, 131

124, 176, 133

Harmonies

Analogous

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



90, 76, 136



124, 64, 113



139, 58, 84

Triad

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



124, 64, 113



99, 85, 21



0, 99, 117

Complementary

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



124, 64, 113



64, 124, 75

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.



0, 100, 87



124, 64, 113



68, 93, 32

Square

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



124, 64, 113



123, 74, 31



21, 98, 57



0, 95, 138

Rectangle

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



124, 64, 113



140, 60, 64



21, 98, 57



0, 100, 108

Sweetspot

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



124, 64, 113



161, 137, 156



75, 64, 124



82, 67, 79



209, 209, 209



82, 82, 82

Same Dimension

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



124, 64, 113



161, 67, 144



124, 64, 83



61, 55, 60



125, 0, 102



252, 0, 206

Inverse Universe

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



124, 64, 113



161, 67, 144



64, 124, 105



61, 55, 60



125, 0, 102



252, 0, 206

Previews

White Background



This preview shows how the RGB color 124, 64, 113 looks on a white 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

Black Background



This preview shows how the RGB color 124, 64, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

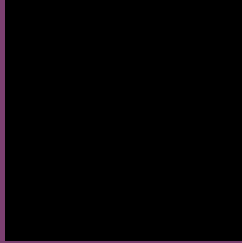
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 124, 64, 113 Background



This preview shows how black text looks on a background with the RGB color 124, 64, 113.



This preview shows how white text looks on a background with the RGB color 124, 64, 113.

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

124, 64, 113

Protanopia

71, 84, 129

Deuteranopia

82, 84, 109



Tritanopia
120, 72, 77

Trichromacy



Original Color

124, 64, 113

Protanomaly

90, 77, 123

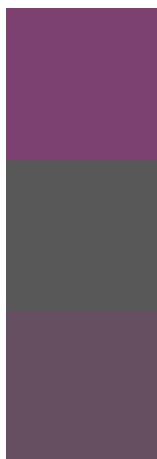
Deuteranomaly

97, 77, 110

Tritanomaly

121, 69, 90

Monochromacy



Original Color

124, 64, 113

Achromatopsia

88, 88, 88

Achromatomaly

101, 79, 97

CSS Examples

Text

The CSS property to change the color of the text to RGB 124, 64, 113 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(124, 64, 113)` looks like.

```
.text, #text, p{  
    color:rgb(124, 64, 113)  
}
```

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(124, 64, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 64, 113) }
```

Border

The CSS property to change the border of an element to RGB 124, 64, 113 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(124, 64, 113) }
```

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

```
.border{ border-color:rgb(124, 64, 113) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 64, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 64, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 64, 113);  
box-shadow:4px 4px 4px 4px rgb(124, 64,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 124, 64, 113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 64, 113) }
```

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

```
.background{ background-color: rgb(124, 64,  
113) }
```

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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