

Converting Colors

RGB(172, 64, 113)

Have a look what the booklet for
RGB(172, 64, 113) contains.

RGB(172, 64, 113)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

RGB(172, 64, 113)

Conversions

Conversions Part 1

Format	Color
Hex	AC4071
RGB	172, 64, 113
RGB Percent	67%, 25%, 44%
CMY	0.3255, 0.7490, 0.5569
CMYK	0.00, 0.63, 0.34, 0.33
HSL	333°, 46%, 46%
HSV	333°, 63%, 67%
XYZ	21.8273, 13.6297, 17.1032
YIQ	101.8780, 48.6390, 38.1350

Conversions

Conversions Part 2

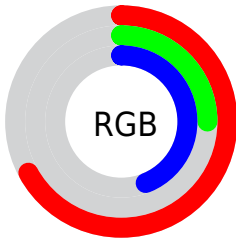
Format	Color
R_{YB}	172, 64, 113
Decimal	11288689
CIE _{Lab}	43.70, 48.87, -4.99
CIE _{LCh}	44, 49.128, 354.175
Yxy	13.6297, 0.4153, 0.2593
Android (android.graphics.Color)	4289478769 (0xFFAC4071)
YUV	101.8780, 5.4831, 61.4970
Hunter-Lab	36.9184, 40.9273, -1.6243

Details

The RGB color **172, 64, 113** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **64, 172, 123**, and the grayscale version is **102, 102, 102**.

A 20% lighter version of the original color is **230, 117, 165**, and **116, 0, 65** is the 20% darker color. If you saturate the color by 10%, you get **172, 47, 104**, and if you desaturate by 10%, it is **172, 81, 122**.

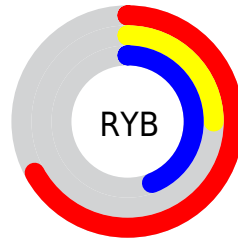
Distribution



Red (67%)

Green (25%)

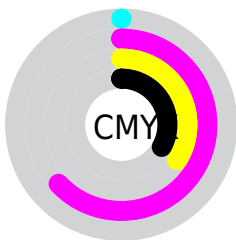
Blue (44%)



Red (67%)

Yellow (25%)

Blue (44%)

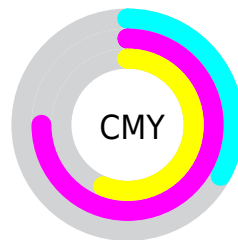


Cyan (0%)

Magenta (63%)

Yellow (34%)

Black (33%)



Cyan (33%)















Magenta (75%)







Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the RGB color 172, 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 172, 64, 113 by changing the saturation by 10% instead.

 172, 64, 113	 172, 64, 113
 255, 255, 255	 144, 36, 89
 230, 117, 165	 116, 0, 65
 255, 145, 192	 88, 0, 43
 255, 172, 220	 62, 0, 23
 255, 201, 248	 35, 0, 1
 255, 229, 255	 0, 0, 0

 172, 64, 113	 172, 64, 113
 172, 47, 104	 172, 81, 122
 172, 30, 94	 172, 98, 132

■ 172, 12, 85

■ 172, 116, 141

■ 172, 0, 78

■ 172, 133, 151

■ 172, 150, 160

■ 172, 167, 169

■ 172, 184, 179

■ 172, 202, 188

■ 172, 219, 198

Harmonies

Analogous

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



145, 78, 152



172, 64, 113



176, 67, 72

Triad

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



172, 64, 113



92, 111, 18



0, 119, 169

Complementary

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



172, 64, 113



64, 172, 123

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, 122, 136



172, 64, 113



34, 118, 53

Square

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



172, 64, 113



130, 99, 8



0, 122, 94



0, 110, 184

Rectangle

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



172, 64, 113



167, 76, 48



0, 122, 94



0, 121, 159

Sweetspot

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



172, 64, 113



224, 182, 201



122, 64, 172



112, 86, 98



240, 240, 240



112, 112, 112

Same Dimension

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



172, 64, 113



224, 56, 132



172, 68, 64



87, 78, 82



150, 0, 68



23, 0, 10

Inverse Universe

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



172, 64, 113



224, 56, 132



64, 168, 172



87, 78, 82



150, 0, 68



23, 0, 10

Previews

White Background



This preview shows how the RGB color 172, 64, 113 looks on a white background.

Color Contrast Check

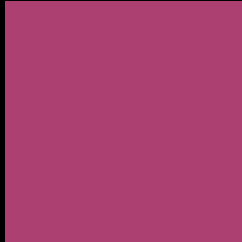
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RGB color 172, 64, 113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

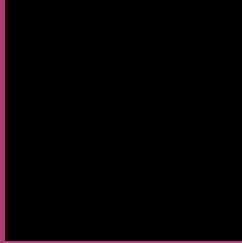
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

RGB 172, 64, 113 Background



This preview shows how black text looks on a background with the RGB color 172, 64, 113.



This preview shows how white text looks on a background with the RGB color 172, 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

172, 64, 113

Protanopia

94, 103, 138

Deuteranopia

112, 101, 108



Tritanopia
169, 72, 77

Trichromacy



Original Color

172, 64, 113

Protanomaly

122, 89, 129

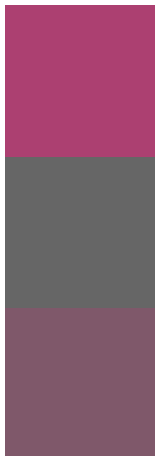
Deuteranomaly

134, 88, 110

Tritanomaly

170, 69, 90

Monochromacy



Original Color

172, 64, 113

Achromatopsia

102, 102, 102

Achromatomaly

127, 88, 106

CSS Examples

Text

The CSS property to change the color of the text to RGB 172, 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(172, 64, 113)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 64, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 64, 113) }
```

Border

The CSS property to change the border of an element to RGB 172, 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(172, 64, 113) }
```

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

```
.border{ border-color:rgb(172, 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(172, 64, 113)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 64, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 64, 113);  
box-shadow:4px 4px 4px 4px rgb(172, 64,  
113) }
```

Background

The CSS property to change the background color of an element to RGB 172, 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(172, 64, 113) }
```

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

```
.background{ background-color: rgb(172, 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](#).

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