

Converting Colors

RGB(196, 62, 144)

Have a look what the booklet for
RGB(196, 62, 144) contains.

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Color

RGB(196, 62, 144)

Conversions

Conversions Part 1

Format	Color
Hex	C43E90
RGB	196, 62, 144
RGB Percent	77%, 24%, 56%
CMY	0.2314, 0.7569, 0.4353
CMYK	0.00, 0.68, 0.27, 0.23
HSL	323°, 53%, 51%
HSV	323°, 68%, 77%
XYZ	29.5216, 17.1946, 28.1485
YIQ	111.4140, 53.5420, 53.9100

Conversions

Conversions Part 2

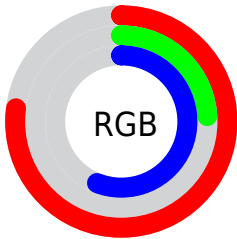
Format	Color
RYB	196, 62, 144
Decimal	12861072
CIELab	48.50, 60.58, -16.19
CIElCh	49, 62.704, 345.034
Yxy	17.1946, 0.3943, 0.2297
Android (android.graphics.Color)	4291051152 (0xFFC43E90)
YUV	111.4140, 16.0649, 74.1819
Hunter-Lab	41.4664, 54.5152, -11.2211

Details

The RGB color **196, 62, 144** is a dark color, and the websafe version is hex **CC3399**. The color can be described as middle muted rose. A complement of this color would be **62, 196, 114**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **255, 119, 198**, and **138, 0, 94** is the 20% darker color. If you saturate the color by 10%, you get **196, 42, 136**, and if you desaturate by 10%, it is **196, 82, 152**.

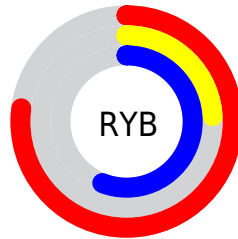
Distribution



Red (77%)

Green (24%)

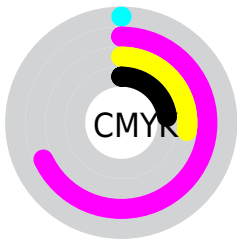
Blue (56%)



Red (77%)

Yellow (24%)

Blue (56%)

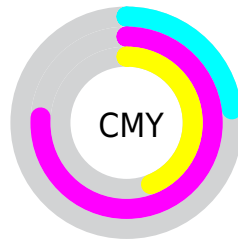


Cyan (0%)

Magenta (68%)

Yellow (27%)

Black (23%)



Cyan (23%)


Magenta (76%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the RGB color 196, 62, 144 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 196, 62, 144 by changing the saturation by 10% instead.

 196, 62, 144

255, 255, 255


 255, 119, 198

 255, 147, 226

 255, 175, 255

 255, 204, 255

 255, 234, 255

 196, 62, 144

 167, 29, 118

 138, 0, 94

 110, 0, 70

 82, 0, 47

 57, 0, 27

 23, 0, 0

 0, 0, 0

 196, 62, 144

 196, 42, 136

 196, 62, 144

 196, 82, 152

196, 23, 129

196, 101, 159

196, 3, 121

196, 121, 167

196, 0, 120

196, 140, 174

196, 160, 182

196, 180, 190

196, 199, 197

196, 219, 205

196, 238, 212

Harmonies

Analogous

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



150, 88, 191



196, 62, 144



208, 57, 91

Triad

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



196, 62, 144



114, 121, 0



0, 137, 190

Complementary

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



196, 62, 144



62, 196, 114

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, 139, 141



196, 62, 144



48, 132, 31

Square

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



196, 62, 144



161, 103, 0



0, 137, 86



0, 129, 218

Rectangle

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



196, 62, 144



201, 70, 57



0, 137, 86



0, 138, 175

Sweetspot

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



196, 62, 144



255, 201, 234



113, 62, 196



128, 96, 115



0, 0, 0



128, 128, 128

Same Dimension

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



196, 62, 144



255, 46, 174



196, 62, 78



97, 87, 93



161, 0, 98



33, 0, 20

Inverse Universe

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



196, 62, 144



255, 46, 174



62, 196, 180



97, 87, 93



161, 0, 98



33, 0, 20

Previews

White Background



This preview shows how the RGB color 196, 62, 144 looks on a white background.

Color Contrast Check

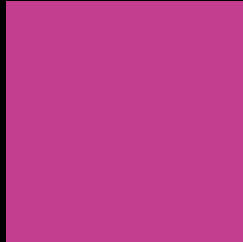
Large Text (above 18pt) WCAG AA ✓ Pass

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 196, 62, 144 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 196, 62, 144 Background



This preview shows how black text looks on a background with the RGB color 196, 62, 144.

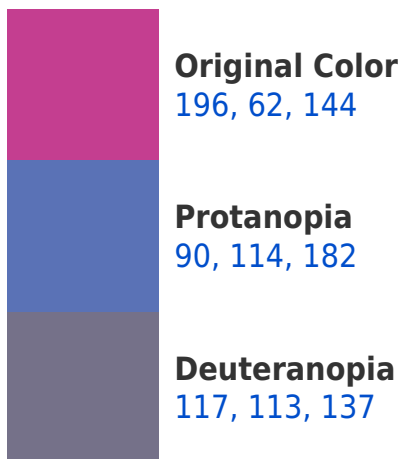


This preview shows how white text looks on a background with the RGB color 196, 62, 144.

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





Tritanopia
191, 78, 83

Trichromacy



Original Color

196, 62, 144



Protanomaly

129, 95, 168



Deuteranomaly

146, 94, 140



Tritanomaly

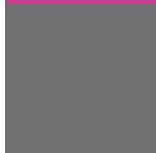
193, 72, 105

Monochromacy



Original Color

196, 62, 144



Achromatopsia

111, 111, 111



Achromatomaly

142, 93, 123

CSS Examples

Text

The CSS property to change the color of the text to RGB 196, 62, 144 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(196, 62, 144)` looks like.

```
.text, #text, p{  
    color:rgb(196, 62, 144)  
}
```

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(196, 62, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 62, 144) }
```

Border

The CSS property to change the border of an element to RGB 196, 62, 144 is called "border". The border property can be set on classes, ids or directly on the HTML element.

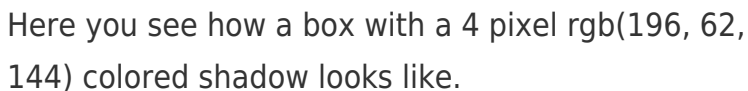
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(196, 62, 144) }
```

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

```
.border{ border-color:rgb(196, 62, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(196, 62, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 62, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 62, 144);  
box-shadow:4px 4px 4px 4px rgb(196, 62,  
144) }
```

Background

The CSS property to change the background color of an element to RGB 196, 62, 144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 62, 144) }
```

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

```
.background{ background-color: rgb(196, 62,  
144) }
```

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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