

Converting Colors

RGB(222, 62, 145)

Have a look what the booklet for
RGB(222, 62, 145) contains.

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Color

RGB(222, 62, 145)

Conversions

Conversions Part 1	
Format	Color
Hex	DE3E91
RGB	222, 62, 145
RGB Percent	87%, 24%, 57%
CMY	0.1294, 0.7569, 0.4314
CMYK	0.00, 0.72, 0.35, 0.13
HSL	329°, 71%, 56%
HSV	329°, 72%, 87%
XYZ	36.9577, 21.0192, 28.8973
YIQ	119.3020, 68.7170, 59.7330

Conversions

Conversions Part 2

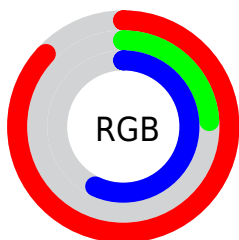
Format	Color
RYB	222, 62, 145
Decimal	14565009
CIELab	52.97, 67.66, -9.61
CIELCh	53, 68.336, 351.913
Yxy	21.0192, 0.4254, 0.2419
Android (android.graphics.Color)	4292755089 (0xFFDE3E91)
YUV	119.3020, 12.6691, 90.0661
Hunter-Lab	45.8467, 63.6597, -5.2780

Details

The RGB color **222, 62, 145** 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, 222, 139**, and the grayscale version is **119, 119, 119**.

A 20% lighter version of the original color is **255, 122, 199**, and **162, 0, 95** is the 20% darker color. If you saturate the color by 10%, you get **222, 40, 134**, and if you desaturate by 10%, it is **222, 84, 156**.

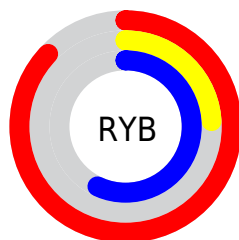
Distribution



Red (87%)

Green (24%)

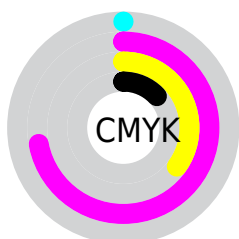
Blue (57%)



Red (87%)

Yellow (24%)

Blue (57%)

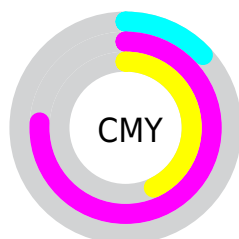


Cyan (0%)

Magenta (72%)

Yellow (35%)

Black (13%)



Cyan (13%)

Magenta (76%)

Yellow (43%)

Brightness & Saturation

Gradients

These gradients show how the RGB color 222, 62, 145 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 222, 62, 145 by changing the saturation by 10% instead.



222, 62, 145



222, 62, 145

255, 255, 255



192, 23, 119



255, 122, 199



162, 0, 95



255, 151, 227



133, 0, 71



255, 180, 255



104, 0, 49



255, 209, 255



76, 0, 28



255, 239, 255



48, 0, 2



0, 0, 0



222, 62, 145



222, 62, 145



222, 40, 134





222, 84, 156


 222, 18, 124

 222, 106, 166

 222, 0, 115

 222, 129, 177

 222, 151, 188

 222, 173, 198

 222, 195, 209

 222, 217, 220

 222, 240, 230

 222, 255, 241

Harmonies

Analogous

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



181, 89, 200



222, 62, 145



228, 65, 87

Triad

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



222, 62, 145



111, 136, 0



0, 149, 219

Complementary

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



222, 62, 145



62, 222, 139

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, 153, 169



222, 62, 145



6, 147, 47

Square

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



222, 62, 145



166, 118, 0



0, 152, 108



0, 138, 244

Rectangle

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



222, 62, 145



216, 83, 50



0, 152, 108



0, 151, 204

Sweetspot

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



222, 62, 145



255, 199, 228



137, 62, 222



128, 94, 112



0, 0, 0



128, 128, 128

Same Dimension

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



222, 62, 145



255, 36, 149



222, 62, 67



112, 101, 107



176, 0, 91



48, 0, 25

Inverse Universe

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



222, 62, 145



255, 36, 149



62, 222, 217



112, 101, 107



176, 0, 91



48, 0, 25

Previews

White Background



This preview shows how the RGB color 222, 62, 145 looks on a white background.

Color Contrast Check

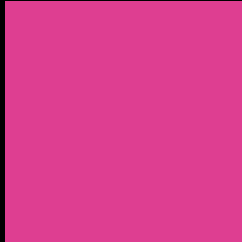
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the RGB color 222, 62, 145 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](#).

RGB 222, 62, 145 Background



This preview shows how black text looks on a background with the RGB color 222, 62, 145.



This preview shows how white text looks on a background with the RGB color 222, 62, 145.

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

222, 62, 145

Protanopia

106, 125, 188

Deuteranopia

135, 123, 137



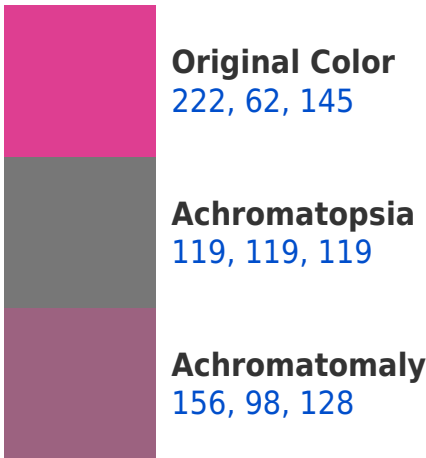
Tritanopia

218, 79, 83

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to RGB 222, 62, 145 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(222, 62, 145) looks like.

```
.text, #text, p{  
    color:rgb(222, 62, 145)  
}
```

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(222, 62, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 62, 145) }
```

Border

The CSS property to change the border of an element to RGB 222, 62, 145 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(222, 62, 145) }
```

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

```
.border{ border-color:rgb(222, 62, 145) }
```

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

Here you see how a box with a 4 pixel rgb(222, 62, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 62, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 62, 145);  
box-shadow:4px 4px 4px 4px rgb(222, 62,  
145) }
```

Background

The CSS property to change the background color of an element to RGB 222, 62, 145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 62, 145) }
```

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

```
.background{ background-color: rgb(222, 62,  
145) }
```

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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