

Converting Colors

`RYB(224, 66, 152)`

Have a look what the booklet for
RYB(224, 66, 152) contains.

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Color

R_YB(224, 66, 152)

Conversions

Conversions Part 1

Format	Color
Hex	E04298
RGB	224, 66, 152
RGB Percent	88%, 26%, 60%
CMY	0.1216, 0.7412, 0.4039
CMYK	0.00, 0.71, 0.32, 0.12
HSL	327°, 72%, 57%
HSV	327°, 71%, 88%
XYZ	38.3562, 22.0107, 31.9327
YIQ	123.0460, 66.5620, 60.2420

Conversions

Conversions Part 2

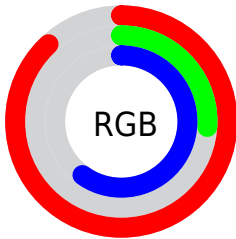
Format	Color
R _{YB}	224, 66, 152
Decimal	14697112
CIE Lab	54.04, 67.60, -12.12
CIE LCh	54, 68.679, 349.833
Yxy	22.0107, 0.4156, 0.2385
Android (android.graphics.Color)	4292887192 (0xFFE04298)
YUV	123.0460, 14.2743, 88.5367
Hunter-Lab	46.9156, 63.8317, -7.5143

Details

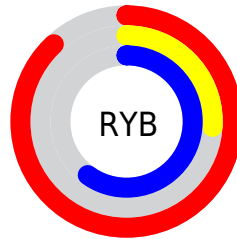
The RYB color **224, 66, 152** is a light color, and the websafe version is hex **CC3399**. The color can be described as light muted rose. A complement of this color would be **66, 175, 224**, and the grayscale version is **123, 123, 123**.

A 20% lighter version of the original color is **255, 125, 206**, and **164, 0, 101** is the 20% darker color. If you saturate the color by 10%, you get **224, 44, 142**, and if you desaturate by 10%, it is **224, 88, 162**.

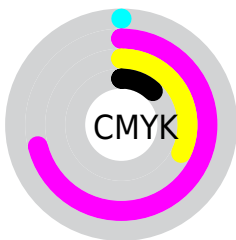
Distribution



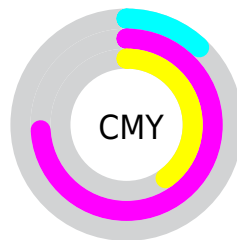
- Red (88%)
- Green (26%)
- Blue (60%)



- Red (88%)
- Yellow (26%)
- Blue (60%)



- Cyan (0%)
- Magenta (71%)
- Yellow (32%)
- Black (12%)



- Cyan (12%)
- Magenta (74%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 66, 152 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 RYB color 224, 66, 152 by changing the saturation by 10% instead.



224, 66, 152



224, 66, 152

255, 255, 255



194, 30, 126



255, 125, 206



164, 0, 101



255, 154, 234



135, 0, 77



255, 183, 255



106, 0, 54



255, 213, 255



78, 0, 33



255, 242, 255



51, 0, 6



0, 0, 0



224, 66, 152



224, 66, 152



224, 44, 142



224, 88, 162

■ 224, 21, 132

■ 224, 111, 172

■ 224, 0, 122

■ 224, 133, 183

■ 224, 156, 193

■ 224, 178, 203

■ 224, 200, 213

■ 224, 223, 223

■ 224, 238, 245

■ 224, 243, 255

Harmonies

Analogous

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



179, 93, 207



224, 66, 152



233, 67, 93

Triad

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



224, 66, 152



0, 138, 20



0, 90, 219

Complementary

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



224, 66, 152



66, 175, 224

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, 81, 168



224, 66, 152



31, 136, 149

Square

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



224, 66, 152



77, 172, 0



0, 91, 154



0, 90, 247

Rectangle

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



224, 66, 152



222, 88, 56



0, 91, 154



0, 88, 204

Sweetspot

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



224, 66, 152



255, 201, 231



137, 66, 224



128, 96, 113



0, 0, 0



128, 128, 128

Same Dimension

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



224, 66, 152



255, 38, 156



224, 66, 74



112, 101, 107



176, 0, 96



48, 0, 26

Inverse Universe

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



224, 66, 152



255, 38, 156



66, 147, 224



112, 101, 107



176, 0, 96



48, 0, 26

Previews

White Background



This preview shows how the RYB color 224, 66, 152 looks on a white background.

Color Contrast Check

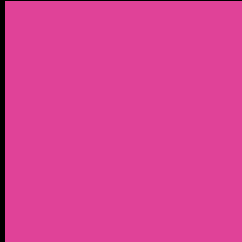
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the RYB color 224, 66, 152 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](#).

RYB 224, 66, 152 Background



This preview shows how black text looks on a background with the RYB color 224, 66, 152.

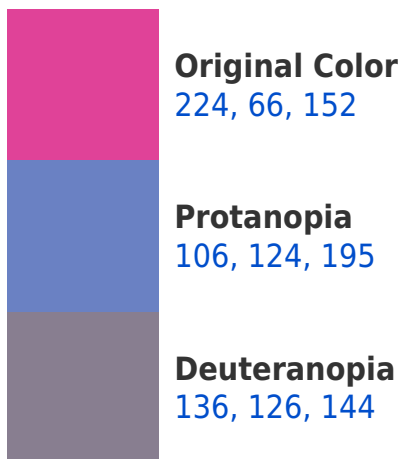


This preview shows how white text looks on a background with the RYB color 224, 66, 152.

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
219, 83, 88

Trichromacy



Original Color

224, 66, 152



Protanomaly

149, 105, 179



Deuteranomaly

168, 104, 147



Tritanomaly

221, 77, 111

Monochromacy



Original Color

224, 66, 152



Achromatopsia

123, 123, 123



Achromatomaly

160, 102, 134

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 66, 152 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(224, 66, 152)` looks like.

```
.text, #text, p{  
    color:rgb(224, 66, 152)  
}
```

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(224, 66, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 66, 152) }
```

Border

The CSS property to change the border of an element to RYB 224, 66, 152 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(224, 66, 152) }
```

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

```
.border{ border-color:rgb(224, 66, 152) }
```

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

Here you see how a box with a 4 pixel rgb(224, 66, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 66, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 66, 152);  
box-shadow:4px 4px 4px 4px rgb(224, 66,  
152) }
```

Background

The CSS property to change the background color of an element to RGB 224, 66, 152 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 66, 152) }
```

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

```
.background{ background-color: rgb(224, 66,  
152) }
```

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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