

Converting Colors

`RYB(224, 53, 114)`

Have a look what the booklet for
RYB(224, 53, 114) contains.

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Color

RYB(224, 53, 114)

Conversions

Conversions Part 1

Format	Color
Hex	E03572
RGB	224, 53, 114
RGB Percent	88%, 21%, 45%
CMY	0.1216, 0.7922, 0.5529
CMYK	0.00, 0.76, 0.49, 0.12
HSL	339°, 73%, 54%
HSV	339°, 76%, 88%
XYZ	35.0508, 19.6084, 17.8570
YIQ	111.0830, 82.3350, 55.2230

Conversions

Conversions Part 2

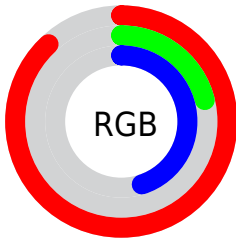
Format	Color
R_{YB}	224, 53, 114
Decimal	14693746
CIE _{Lab}	51.39, 68.07, 6.72
CIE _{LCh}	51, 68.406, 5.636
Yxy	19.6084, 0.4834, 0.2704
Android (android.graphics.Color)	4292883826 (0xFFE03572)
YUV	111.0830, 1.4381, 99.0282
Hunter-Lab	44.2814, 63.7989, 7.0876

Details

The RYB color **224, 53, 114** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle washed rose. A complement of this color would be **53, 157, 224**, and the grayscale version is **111, 111, 111**.

A 20% lighter version of the original color is **255, 115, 166**, and **163, 0, 67** is the 20% darker color. If you saturate the color by 10%, you get **224, 31, 100**, and if you desaturate by 10%, it is **224, 75, 128**.

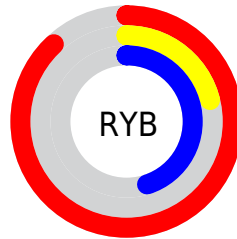
Distribution



Red (88%)

Green (21%)

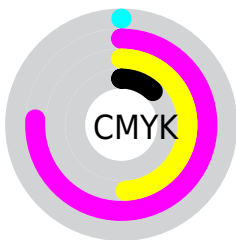
Blue (45%)



Red (88%)

Yellow (21%)

Blue (45%)

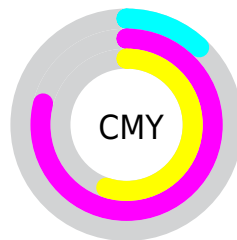


Cyan (0%)

Magenta (76%)

Yellow (49%)

Black (12%)



Cyan (12%)

Magenta (79%)


Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RYB color 224, 53, 114 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, 53, 114 by changing the saturation by 10% instead.

 224, 53, 114

 224, 53, 114

255, 255, 255

 193, 1, 90

 255, 115, 166

 163, 0, 67

 255, 144, 193

 132, 0, 45

 255, 173, 220

 102, 0, 25

 255, 202, 249

 75, 0, 3

 255, 232, 255

 43, 0, 1

 0, 0, 0

 224, 53, 114

 224, 53, 114

 224, 31, 100

 224, 75, 128

■ 224, 8, 85

■ 224, 98, 143

■ 224, 0, 80

■ 224, 120, 157

■ 224, 143, 172

■ 224, 165, 186

■ 224, 187, 200

■ 224, 210, 215

■ 224, 229, 232

■ 224, 243, 255

Harmonies

Analogous

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



200, 70, 172



224, 53, 114



216, 74, 57

Triad

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



224, 53, 114



0, 138, 62



0, 87, 229

Complementary

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



224, 53, 114



53, 157, 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, 83, 190



224, 53, 114



0, 97, 145

Square

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



224, 53, 114



16, 138, 0



0, 78, 148



0, 83, 240

Rectangle

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



224, 53, 114



198, 145, 17



0, 78, 148



0, 87, 219

Sweetspot

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



224, 53, 114



255, 196, 217



161, 53, 224



128, 92, 105



0, 0, 0



128, 128, 128

Same Dimension

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



224, 53, 114



255, 20, 104



224, 80, 53



112, 101, 105



176, 0, 63



48, 0, 17

Inverse Universe

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



224, 53, 114



255, 20, 104



53, 132, 224



112, 101, 105



176, 0, 63



48, 0, 17

Previews

White Background



This preview shows how the RYB color 224, 53, 114 looks on a white background.

Color Contrast Check

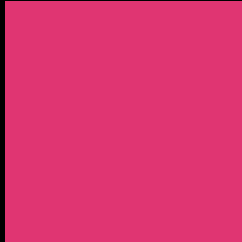
Large Text (above 18pt) WCAG AA ✓ Pass

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, 53, 114 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, 53, 114 Background



This preview shows how black text looks on a background with the RYB color 224, 53, 114.



This preview shows how white text looks on a background with the RYB color 224, 53, 114.

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
221, 65, 68

Trichromacy



Original Color

224, 53, 114

Protanomaly

155, 97, 138

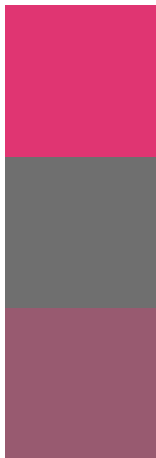
Deuteranomaly

171, 94, 109

Tritanomaly

222, 61, 85

Monochromacy



Original Color

224, 53, 114

Achromatopsia

111, 111, 111

Achromatomaly

152, 90, 112

CSS Examples

Text

The CSS property to change the color of the text to RYB 224, 53, 114 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, 53, 114)` looks like.

```
.text, #text, p{  
    color:rgb(224, 53, 114)  
}
```

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, 53, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 53, 114) }
```

Border

The CSS property to change the border of an element to RYB 224, 53, 114 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, 53, 114) }
```

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

```
.border{ border-color:rgb(224, 53, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 53, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 53, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 53, 114);  
box-shadow:4px 4px 4px 4px rgb(224, 53,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 224, 53, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 53, 114) }
```

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

```
.background{ background-color: rgb(224, 53,  
114) }
```

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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