

Converting Colors

RGB(231, 65, 114)

Have a look what the booklet for
RGB(231, 65, 114) contains.

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Color

RGB(231, 65, 114)

Conversions

Conversions Part 1

Format	Color
Hex	E74172
RGB	231, 65, 114
RGB Percent	91%, 25%, 45%
CMY	0.0941, 0.7451, 0.5529
CMYK	0.00, 0.72, 0.51, 0.09
HSL	342°, 78%, 58%
HSV	342°, 72%, 91%
XYZ	37.8826, 21.9844, 18.1664
YIQ	120.2200, 83.2070, 50.4310

Conversions

Conversions Part 2

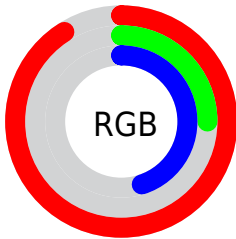
Format	Color
R_{YB}	231, 65, 114
Decimal	15155570
CIE _{Lab}	54.01, 66.19, 10.60
CIE _{LCh}	54, 67.037, 9.102
Yxy	21.9844, 0.4855, 0.2817
Android (android.graphics.Color)	4293345650 (0xFFE74172)
YUV	120.2200, -3.0665, 97.1541
Hunter-Lab	46.8875, 62.1650, 9.8496

Details

The RGB color **231, 65, 114** is a dark color, and the websafe version is hex **CC3366**. The color can be described as middle muted rose. A complement of this color would be **65, 231, 182**, and the grayscale version is **120, 120, 120**.

A 20% lighter version of the original color is **255, 124, 166**, and **169, 0, 67** is the 20% darker color. If you saturate the color by 10%, you get **231, 42, 98**, and if you desaturate by 10%, it is **231, 88, 130**.

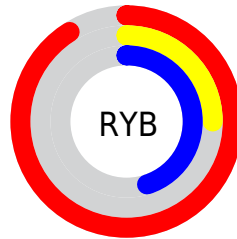
Distribution



Red (91%)

Green (25%)

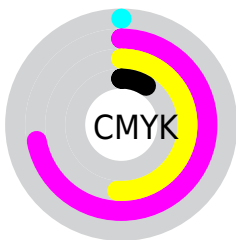
Blue (45%)



Red (91%)

Yellow (25%)

Blue (45%)

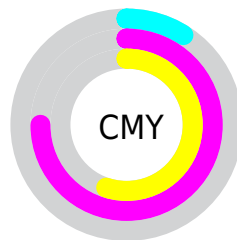


Cyan (0%)

Magenta (72%)

Yellow (51%)

Black (9%)



Cyan (9%)

Magenta (75%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the RGB color 231, 65, 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 RGB color 231, 65, 114 by changing the saturation by 10% instead.

 231, 65, 114  231, 65, 114

255, 255, 255  200, 28, 90

 255, 124, 166  169, 0, 67



 255, 153, 193  139, 0, 45

 255, 182, 220  109, 0, 25

 255, 212, 249  80, 0, 2

 255, 241, 255  50, 0, 2

 0, 0, 0

 231, 65, 114  231, 65, 114

 231, 42, 98  231, 88, 130

■ 231, 19, 81

■ 231, 111, 147

■ 231, 0, 68

■ 231, 134, 163

■ 231, 157, 179

■ 231, 181, 195

■ 231, 204, 212

■ 231, 227, 228

■ 231, 250, 244

■ 231, 255, 255

Harmonies

Analogous

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



211, 76, 172



231, 65, 114



221, 84, 59

Triad

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



231, 65, 114



75, 146, 24



0, 146, 237

Complementary

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



231, 65, 114



65, 231, 182

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, 154, 201



231, 65, 114



0, 153, 85

Square

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



231, 65, 114



139, 132, 0



0, 155, 146



0, 130, 244

Rectangle

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



231, 65, 114



201, 102, 21



0, 155, 146



0, 150, 228

Sweetspot

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



231, 65, 114



255, 199, 215



181, 65, 231



128, 94, 104



0, 0, 0



128, 128, 128

Same Dimension

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



231, 65, 114



255, 36, 100



231, 98, 65



115, 103, 107



179, 0, 53



51, 0, 15

Inverse Universe

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



231, 65, 114



255, 36, 100



65, 198, 231



115, 103, 107



179, 0, 53



51, 0, 15

Previews

White Background



This preview shows how the RGB color 231, 65, 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 RGB color 231, 65, 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](#).

RGB 231, 65, 114 Background



This preview shows how black text looks on a background with the RGB color 231, 65, 114.



This preview shows how white text looks on a background with the RGB color 231, 65, 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



Original Color
231, 65, 114

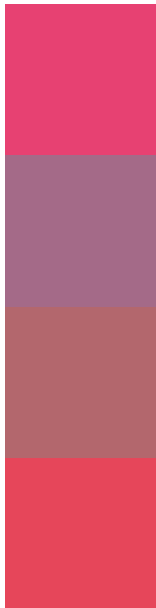
Protanopia
126, 129, 148

Deuteranopia
150, 125, 106



Tritanopia
229, 73, 77

Trichromacy



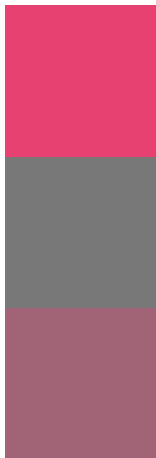
Original Color
231, 65, 114

Protanomaly
164, 106, 136

Deuteranomaly
179, 103, 109

Tritanomaly
230, 70, 90

Monochromacy



Original Color
231, 65, 114

Achromatopsia
120, 120, 120

Achromatomaly
160, 100, 118

CSS Examples

Text

The CSS property to change the color of the text to RGB 231, 65, 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(231, 65, 114)` looks like.

```
.text, #text, p{  
    color:rgb(231, 65, 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(231, 65, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 65, 114) }
```

Border

The CSS property to change the border of an element to RGB 231, 65, 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(231, 65, 114) }
```

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

```
.border{ border-color:rgb(231, 65, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 65, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 65, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 65, 114);  
box-shadow:4px 4px 4px 4px rgb(231, 65,  
114) }
```

Background

The CSS property to change the background color of an element to RGB 231, 65, 114 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 65, 114) }
```

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

```
.background{ background-color: rgb(231, 65,  
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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