Converting Colors

RGB(237, 78, 88)

Have a look what the booklet for RGB(237, 78, 88) contains.

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Color

RGB(237, 78, 88)

Conversions

Conversions Part 1

Format	Color
Hex	ED4E58
RGB	237, 78, 88
RGB Percent	93%, 31%, 35%
CMY	0.0706, 0.6941, 0.6549
CMYK	0.00, 0.67, 0.63, 0.07
HSL	356°, 82%, 62%
HSV	356°, 67%, 93%
XYZ	39.4109, 24.1579, 11.8183
YIQ	126.6810, 91.5540, 36.8180

Conversions

Conversions Part 2

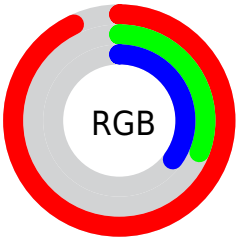
Format	Color
RYB	237, 78, 88
Decimal	15552088
CIELab	56.25, 61.44, 29.16
CIELCh	56, 68.010, 25.387
Yxy	24.1579, 0.5228, 0.3205
Android (android.graphics.Color)	4293742168 (0xFFED4E58)
YUV	126.6810, -19.0697, 96.7498
Hunter-Lab	49.1507, 57.1145, 20.1492

Details

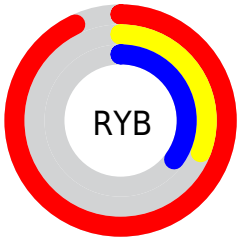
The RGB color 237, 78, 88 is a dark color, and the websafe version is hex FF6666. The color can be described as dark muted red. A complement of this color would be 78, 237, 227, and the grayscale version is 127, 127, 127.

A 20% lighter version of the original color is 255, 135, 138, and 174, 0, 43 is the 20% darker color. If you saturate the color by 10%, you get 237, 54, 66, and if you desaturate by 10%, it is 237, 102, 110.

Distribution

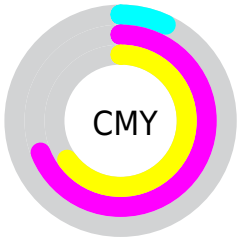


- Red (93%)
- Green (31%)
- Blue (35%)



- Red (93%)
- Yellow (31%)
- Blue (35%)

- Cyan (0%)
- Magenta (67%)
- Yellow (63%)
- Black (7%)



- Cyan (7%)
- Magenta (69%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the RGB color 237, 78, 88 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 237, 78, 88 by changing the saturation by 10% instead.

237, 78, 88

255, 255, 255

255, 135, 138

255, 164, 164

255, 193, 191

255, 222, 219

255, 251, 248

237, 78, 88

237, 78, 88

205, 47, 65

174, 0, 43

143, 0, 22

113, 0, 0

82, 0, 1

54, 0, 2

6, 0, 0

0, 0, 0

237, 78, 88

237, 78, 88

237, 54, 66

237, 31, 44

237, 7, 21

237, 0, 15

237, 102, 110

237, 125, 132

237, 149, 155

237, 173, 177

237, 196, 199

237, 220, 221

237, 244, 243

237, 255, 255

Harmonies

Analogous

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

234, 71, 147

237, 78, 88

213, 104, 33

Triad

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

237, 78, 88

0, 156, 63

0, 145, 254

Complementary

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

237, 78, 88

78, 237, 227

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, 157, 232

237, 78, 88

0, 161, 124

Square

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

237, 78, 88

113, 146, 0

0, 161, 184

113, 123, 243

Rectangle

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

237, 78, 88

186, 122, 0

0, 161, 184

0, 150, 250

Sweetspot

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

237, 78, 88

255, 204, 207

226, 78, 237

128, 97, 99

0, 0, 0

128, 128, 128

Same Dimension

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

237, 78, 88

255, 48, 61

237, 147, 78

117, 106, 106

181, 0, 11

54, 0, 3

Inverse Universe

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

237, 78, 88

255, 48, 61

78, 168, 237

117, 106, 106

181, 0, 11

54, 0, 3

Previews

White Background

This preview shows how the RGB color 237, 78, 88 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 237, 78, 88 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 237, 78, 88 Background

This preview shows how black text looks on a background with the RGB color 237, 78, 88.

This preview shows how white text looks on a background with the RGB color 237, 78, 88.

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
237, 78, 88

Protanopia
143, 135, 112

Deuteranopia
164, 129, 80

Tritanopia
237, 79, 83

Trichromacy

Original Color
237, 78, 88

Protanomaly
177, 114, 103

Deuteranomaly
191, 110, 83

Tritanomaly
237, 79, 85

Monochromacy

Original Color
237, 78, 88

Achromatopsia
127, 127, 127

Achromatomaly
167, 109, 113

CSS Examples

Text

The CSS property to change the color of the text to RGB 237, 78, 88 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(237, 78, 88) looks like.

```
.text, #text, p{
    color:rgb(237, 78, 88)
}
```

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(237, 78, 88) colored shadow looks like.

Here you see how black text with a 4 pixel rgb(237, 78, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 78, 88) }
```

Border

The CSS property to change the border of an element to RGB 237, 78, 88 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(237, 78, 88) }
```

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

```
.border{ border-color:rgb(237, 78, 88) }
```

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

Here you see how a box with a 4 pixel rgb(237, 78, 88) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(237, 78, 88); -webkit-box-shadow:4px 4px 4px 4px rgb(237, 78, 88); box-shadow:4px 4px 4px 4px rgb(237, 78, 88) }
```

Background

The CSS property to change the background color of an element to RGB 237, 78, 88 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{ background:rgb(237, 78, 88) }
```

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

```
.background{ background-color:rgb(237, 78, 88) }
```

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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