

Converting Colors

RGB(227, 64, 64)

Have a look what the booklet for
RGB(227, 64, 64) contains.

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Color

RGB(227, 64, 64)

Conversions

Conversions Part 1

Format	Color
Hex	E34040
RGB	227, 64, 64
RGB Percent	89%, 25%, 25%
CMY	0.1098, 0.7490, 0.7490
CMYK	0.00, 0.72, 0.72, 0.11
HSL	0°, 74%, 57%
HSV	0°, 72%, 89%
XYZ	34.4374, 20.3679, 6.9668
YIQ	112.7370, 97.1480, 34.5560

Conversions

Conversions Part 2

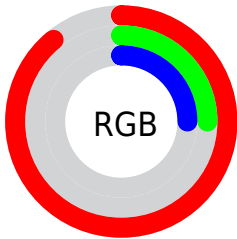
Format	Color
RYB	227, 64, 64
Decimal	14893120
CIELab	52.25, 62.27, 37.68
CIElCh	52, 72.781, 31.179
Yxy	20.3679, 0.5575, 0.3297
Android (android.graphics.Color)	4293083200 (0xFFE34040)
YUV	112.7370, -24.0273, 100.2087
Hunter-Lab	45.1308, 57.2269, 22.4389

Details

The RGB color **227, 64, 64** is a dark color, and the websafe version is hex **CC3333**. The color can be described as dark muted red. A complement of this color would be **64, 227, 227**, and the grayscale version is **113, 113, 113**.

A 20% lighter version of the original color is **255, 122, 112**, and **164, 0, 20** is the 20% darker color. If you saturate the color by 10%, you get **227, 41, 41**, and if you desaturate by 10%, it is **227, 87, 87**.

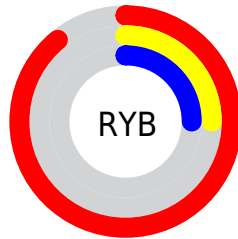
Distribution



Red (89%)

Green (25%)

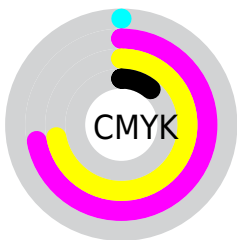
Blue (25%)



Red (89%)

Yellow (25%)

Blue (25%)

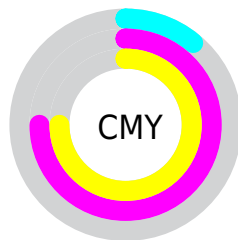


Cyan (0%)

Magenta (72%)

Yellow (72%)

Black (11%)



Cyan (11%)

Magenta (75%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the RGB color 227, 64, 64 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 227, 64, 64 by changing the saturation by 10% instead.



227, 64, 64



227, 64, 64

255, 255, 255



195, 29, 42



255, 122, 112



164, 0, 20



255, 151, 138



133, 0, 0



255, 179, 164



101, 0, 0



255, 209, 191



72, 0, 2



255, 238, 219



42, 0, 1



255, 255, 248



0, 0, 0



227, 64, 64



227, 64, 64




227, 41, 41





227, 87, 87


 227, 19, 19

 227, 109, 109

 227, 0, 0

 227, 132, 132

 227, 155, 155

 227, 178, 178

 227, 200, 200

 227, 223, 223

 227, 246, 246

 227, 255, 255

Harmonies

Analogous

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



231, 46, 125



227, 64, 64



197, 97, 0

Triad

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



227, 64, 64



0, 148, 60



0, 132, 251

Complementary

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



227, 64, 64



64, 227, 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, 146, 234



227, 64, 64



0, 151, 125

Square

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



227, 64, 64



85, 139, 0



0, 151, 188



121, 107, 233

Rectangle

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



227, 64, 64



166, 115, 0



0, 151, 188



0, 138, 249

Sweetspot

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



227, 64, 64



255, 199, 199



227, 64, 227



128, 94, 94



0, 0, 0



128, 128, 128

Same Dimension

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



227, 64, 64



255, 36, 36



227, 146, 64



115, 103, 103



179, 0, 0



51, 0, 0

Inverse Universe

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



64, 227, 227



36, 255, 255



64, 146, 227



103, 115, 115



0, 179, 179



0, 51, 51

Previews

White Background



This preview shows how the RGB color 227, 64, 64 looks on a white background.

Color Contrast Check

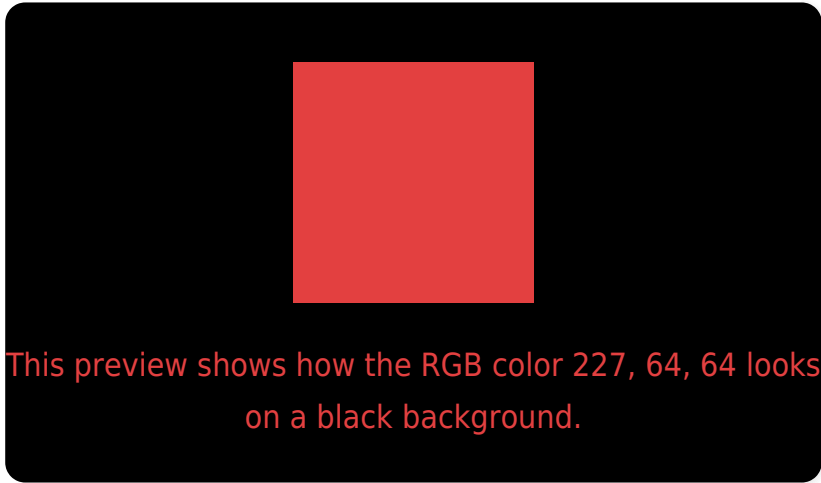
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 227, 64, 64 Background



This preview shows how black text looks on a background with the RGB color 227, 64, 64.

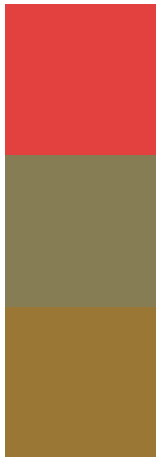


This preview shows how white text looks on a background with the RGB color 227, 64, 64.

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
227, 64, 64

Protanopia
135, 125, 85

Deuteranopia
155, 119, 54



Tritanopia
227, 64, 66

Trichromacy



Original Color

227, 64, 64

Protanomaly

168, 103, 77

Deuteranomaly

181, 99, 58

Tritanomaly

227, 64, 65

Monochromacy



Original Color

227, 64, 64

Achromatopsia

113, 113, 113

Achromatomaly

154, 95, 95

CSS Examples

Text

The CSS property to change the color of the text to RGB 227, 64, 64 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(227, 64, 64)` looks like.

```
.text, #text, p{  
    color:rgb(227, 64, 64)  
}
```

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(227, 64, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 64, 64) }
```

Border

The CSS property to change the border of an element to RGB 227, 64, 64 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(227, 64, 64) }
```

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

```
.border{ border-color:rgb(227, 64, 64) }
```

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

Here you see how a box with a 4 pixel rgb(227, 64, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 64, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 64, 64);  
box-shadow:4px 4px 4px 4px rgb(227, 64,  
64) }
```

Background

The CSS property to change the background color of an element to RGB 227, 64, 64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 64, 64) }
```

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

```
.background{ background-color: rgb(227, 64,  
64) }
```

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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