Converting Colors

RGB(207, 21, 21)

Have a look what the booklet for RGB(207, 21, 21) contains.

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Color

RGB(207, 21, 21)

Conversions

Conversions Part 1

Format	Color
Hex	CF1515
RGB	207, 21, 21
RGB Percent	81%, 8%, 8%
CMY	0.1882, 0.9176, 0.9176
CMYK	0.00, 0.90, 0.90, 0.19
HSL	0°, 82%, 45%
HSV	0°, 90%, 81%
XYZ	26.1356, 13.8559, 2.0064
YIQ	76.6140, 110.8560, 39.4320

Conversions

Conversions Part 2

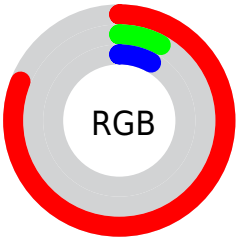
Format	Color
RYB	207, 21, 21
Decimal	13571349
CIELab	44.03, 66.41, 50.67
CIELCh	44, 83.529, 37.342
Yxy	13.8559, 0.6223, 0.3299
Android (android.graphics.Color)	4291761429 (0xFFCF1515)
YUV	76.6140, -27.4177, 114.3485
Hunter-Lab	37.2235, 60.1888, 22.8606

Details

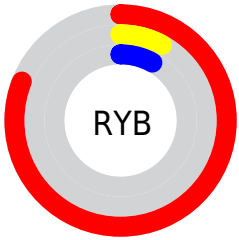
The RGB color 207, 21, 21 is a dark color, and the websafe version is hex CC0000. The color can be described as dark washed red. A complement of this color would be 21, 207, 207, and the grayscale version is 77, 77, 77.

A 20% lighter version of the original color is 255, 92, 68, and 143, 0, 0 is the 20% darker color. If you saturate the color by 10%, you get 207, 0, 0, and if you desaturate by 10%, it is 207, 42, 42.

Distribution

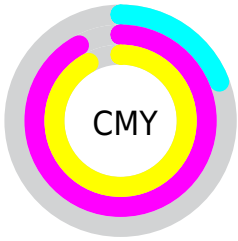


- Red (81%)
- Green (8%)
- Blue (8%)



- Red (81%)
- Yellow (8%)
- Blue (8%)

- Cyan (0%)
- Magenta (90%)
- Yellow (90%)
- Black (19%)



- Cyan (19%)
- Magenta (92%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the RGB color 207, 21, 21 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 207, 21, 21 by changing the saturation by 10% instead.

207, 21, 21	207, 21, 21
255, 255, 255	175, 0, 0
255, 92, 68	143, 0, 0
255, 121, 93	111, 0, 0
255, 150, 118	80, 0, 2
255, 179, 144	50, 0, 2
255, 208, 171	0, 0, 0
255, 238, 199	
255, 255, 227	

207, 21, 21	207, 21, 21

207, 0, 0

207, 0, 0

207, 42, 42

207, 62, 62

207, 83, 83

207, 104, 104

207, 125, 125

207, 145, 145

207, 166, 166

207, 187, 187

207, 207, 207

Harmonies

Analogous

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

220, 0, 91

207, 21, 21

168, 79, 0

Triad

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

207, 21, 21

0, 129, 45

0, 109, 245

Complementary

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

207, 21, 21

21, 207, 207

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, 126, 234

207, 21, 21

0, 131, 120

Square

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

207, 21, 21

17, 122, 0

0, 131, 188

119, 74, 216

Rectangle

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

207, 21, 21

133, 100, 0

0, 131, 188

0, 116, 246

Sweetspot

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

207, 21, 21

255, 186, 186

207, 21, 207

128, 87, 87

0, 0, 0

128, 128, 128

Same Dimension

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

207, 21, 21

255, 0, 0

207, 114, 21

105, 94, 94

168, 0, 0

41, 0, 0

Inverse Universe

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

21, 207, 207

0, 255, 255

21, 114, 207

94, 105, 105

0, 168, 168

0, 41, 41

Previews

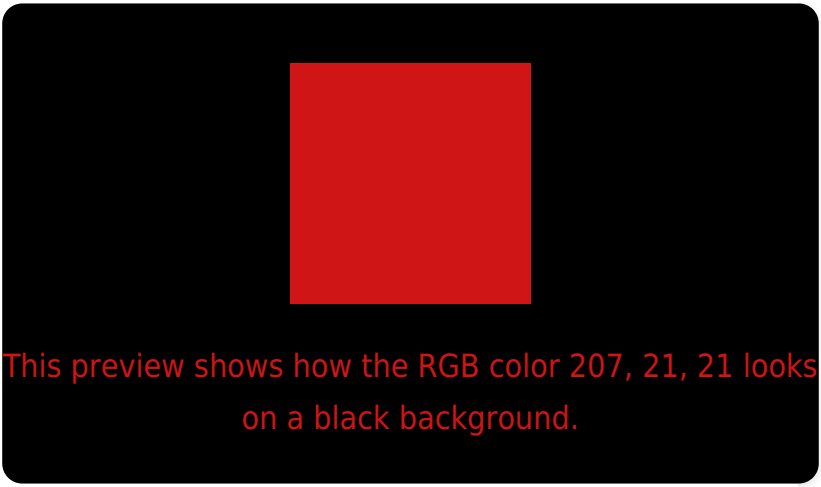
White Background

This preview shows how the RGB color 207, 21, 21 looks on a white 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

Black Background

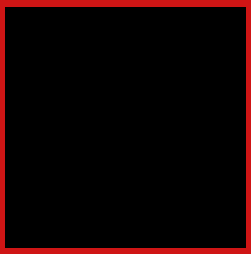


Color Contrast Check

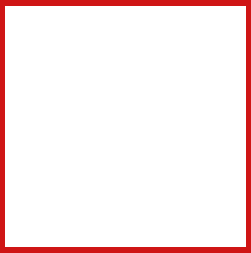
Large Text (above 18pt) WCAG AA ✓ Pass
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

RGB 207, 21, 21 Background



This preview shows how black text looks on a background with the RGB color 207, 21, 21.

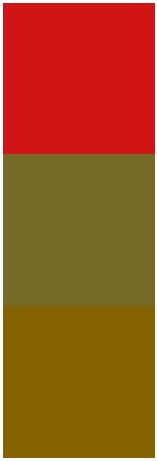


This preview shows how white text looks on a background with the RGB color 207, 21, 21.

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



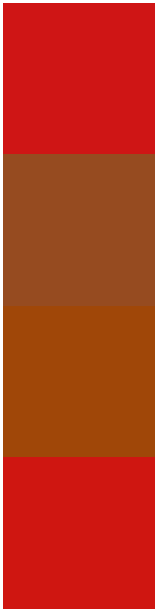
Original Color
207, 21, 21

Protanopia
118, 106, 39

Deuteranopia
133, 100, 0

Tritanopia
207, 22, 14

Trichromacy



Original Color
207, 21, 21

Protanomaly
150, 75, 32

Deuteranomaly
160, 71, 8

Tritanomaly
207, 22, 17

Monochromacy

Original Color
207, 21, 21

Achromatopsia
77, 77, 77

Achromatomaly
124, 57, 57

CSS Examples

Text

The CSS property to change the color of the text to RGB 207, 21, 21 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(207, 21, 21) looks like.

```
.text, #text, p{
    color:rgb(207, 21, 21)
}
```

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(207, 21, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 21, 21) }
```

Border

The CSS property to change the border of an element to RGB 207, 21, 21 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(207, 21, 21) }
```

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

```
.border{ border-color:rgb(207, 21, 21) }
```

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

Here you see how a box with a 4 pixel rgb(207, 21, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(207, 21, 21); -webkit-box-shadow:4px 4px 4px 4px rgb(207, 21, 21); box-shadow:4px 4px 4px 4px rgb(207, 21, 21) }
```

Background

The CSS property to change the background color of an element to RGB 207, 21, 21 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(207, 21, 21) }
```

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

```
.background{ background-color:rgb(207, 21,
21) }
```

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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