

# Converting Colors

Android(4291575358)

Have a look what the booklet for  
Android(4291575358) contains.

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# Color

**Android(4291575358)**

# Conversions

## Conversions Part 1

Format	Color
Hex	CC3E3E
RGB	204, 62, 62
RGB Percent	80%, 24%, 24%
CMY	0.2000, 0.7569, 0.7569
CMYK	0.00, 0.70, 0.70, 0.20
HSL	0°, 58%, 52%
HSV	0°, 70%, 80%
XYZ	27.4940, 16.6304, 6.3183
YIQ	104.4580, 84.6320, 30.1040

# Conversions

## Conversions Part 2

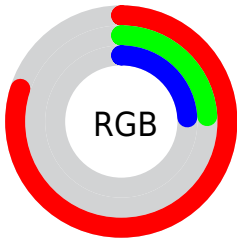
Format	Color
<a href="#">RYB</a>	204, 62, 62
Decimal	13385278
CIELab	47.79, 55.72, 32.55
CIElCh	48, 64.529, 30.298
Yxy	16.6304, 0.5451, 0.3297
Android (android.graphics.Color)	4291575358 (0xFFCC3E3E)
YUV	104.4580, -20.9318, 87.2983
Hunter-Lab	40.7804, 48.9782, 19.3602

# Details

The Android color **4291575358** 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 **4282305740**, and the grayscale version is **4285098345**.

A 20% lighter version of the original color is **4294932078**, and **4287496211** is the 20% darker color. If you saturate the color by 10%, you get **4291570218**, and if you desaturate by 10%, it is **4291580498**.

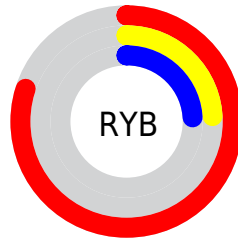
# Distribution



Red (80%)

Green (24%)

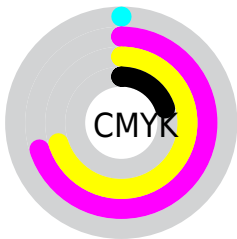
Blue (24%)



Red (80%)

Yellow (24%)

Blue (24%)

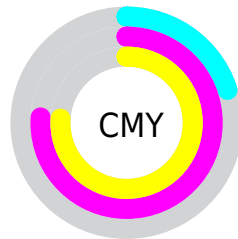


Cyan (0%)

Magenta (70%)

Yellow (70%)

Black (20%)



Cyan (20%)

Magenta (76%)


Yellow (76%)


# Brightness & Saturation Gradients

These gradients show how the Android color 4291575358 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 Android color 4291575358 by changing the saturation by 10% instead.



 4291575358

 4291575358

4294967295

 4289535528

 4294932078

 4287496211

 4294939271

 4285530112

 4294946466

 4283564032

 4294953917


 4281794562


 4294961368


 4278714368


 4294967285


 4278190080


 4291575358


 4291575358


 4291570218


 4291580498


 4291564821


 4291585895


 4291559681


 4291591035


 4291559424

 4291596432

 4291601572

 4291606712

 4291612109

 4291617249

 4291622646

# Harmonies

## Analogous

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



4291703155



4291575358



4289878275

# Triad

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



4291575358



4278224439



4278221023

# Complementary

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



4291575358



4282305740

# 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.



4278224080



4291575358



4278225264

# Square

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



4291575358



4283596288



4278225319



4285358800

# Rectangle

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



4291575358



4288178432



4278225319



4278222301



# Sweetspot

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



4291575358



4294953417



4291575500



4286603360



4278190080



4286611584



# Same Dimension

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



4291575358



4294912297



4291593534



4284898396



4289069056



4280680448



# Inverse Universe

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



4282305740



4280942591



4282287564



4284245606



4278232742



4278199846



# Previews

## White Background



This preview shows how the Android color 4291575358 looks on a white background.

## Color Contrast Check

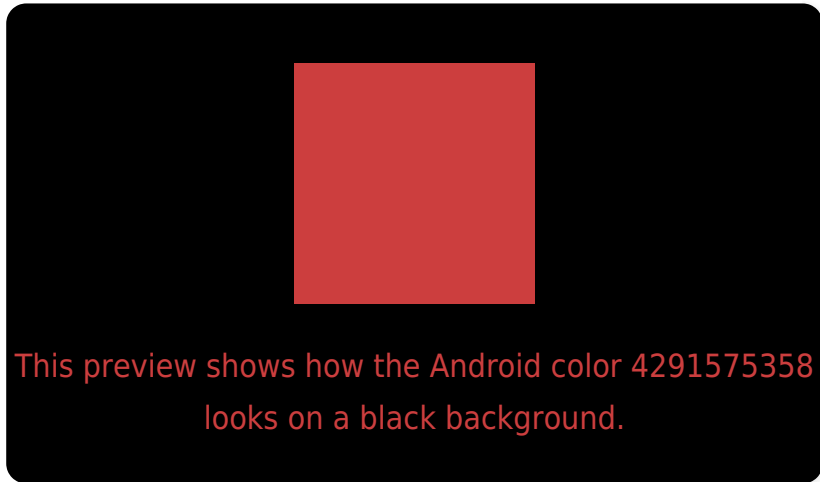
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).



# Android 4291575358 Background



This preview shows how black text looks on a background with the Android color 4291575358.

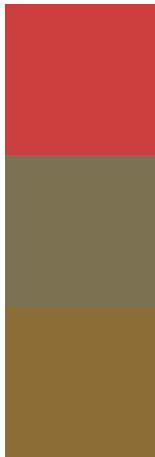


This preview shows how white text looks on a background with the Android color 4291575358.

# 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**  
4291575358

**Protanopia**  
4286280273

**Deuteranopia**  
4287458614



# Trichromacy



**Original Color**  
4291575358

**Protanomaly**  
4288175946

**Deuteranomaly**  
4288961593

**Tritanomaly**  
4291575360

# Monochromacy



**Original Color**  
4291575358

**Achromatopsia**  
4285032552

**Achromatomaly**  
4287387993

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4291575358 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(204, 62, 62)` looks like.

```
.text, #text, p{  
    color:rgb(204, 62, 62)  
}
```

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(204, 62, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 62, 62) }
```

## Border

The CSS property to change the border of an element to Android 4291575358 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(204, 62, 62) }
```

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

```
.border{ border-color:rgb(204, 62, 62) }
```

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

Here you see how a box with a 4 pixel rgb(204, 62, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 62, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 62, 62);  
box-shadow:4px 4px 4px 4px rgb(204, 62,  
62) }
```

# Background

The CSS property to change the background color of an element to Android 4291575358 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 62, 62) }
```

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

```
.background{ background-color: rgb(204, 62,  
62) }
```

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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