

# Converting Colors

Android(4292426005)

Have a look what the booklet for  
Android(4292426005) contains.

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# Color

**Android(4292426005)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D93915
RGB	217, 57, 21
RGB Percent	85%, 22%, 8%
CMY	0.1490, 0.7765, 0.9176
CMYK	0.00, 0.74, 0.90, 0.15
HSL	11°, 82%, 47%
HSV	11°, 90%, 85%
XYZ	30.2138, 17.7321, 2.5397
YIQ	100.7360, 106.9160, 22.7240

# Conversions

## Conversions Part 2

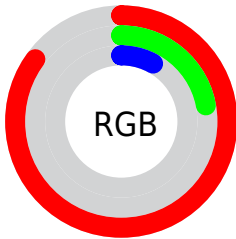
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">217, 65, 21</a>
Decimal	<a href="#">14235925</a>
CIELab	<a href="#">49.17, 60.34, 55.22</a>
CIElCh	<a href="#">49, 81.789, 42.464</a>
Yxy	<a href="#">17.7321, 0.5985, 0.3512</a>
Android (android.graphics.Color)	<a href="#">4292426005</a> (0xFFD93915)
YUV	<a href="#">100.7360, -39.3098, 101.9635</a>
Hunter-Lab	<a href="#">42.1095, 54.3829, 25.9008</a>

# Details

The Android color **4292426005** is a dark color, and the websafe version is hex **CC3300**. The color can be described as dark washed red. A complement of this color would be **4279612889**, and the grayscale version is **4284835173**.

A 20% lighter version of the original color is **4294931271**, and **4288217088** is the 20% darker color. If you saturate the color by 10%, you get **4292421632**, and if you desaturate by 10%, it is **4292430635**.

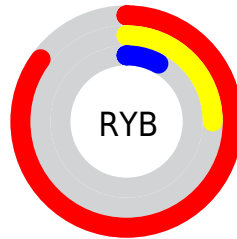
# Distribution



Red (85%)

Green (22%)

Blue (8%)



Red (85%)

Yellow (25%)

Blue (8%)

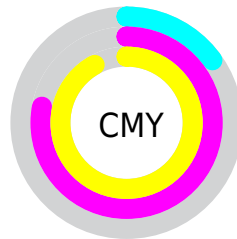


Cyan (0%)

Magenta (74%)

Yellow (90%)

Black (15%)



Cyan (15%)

Magenta (78%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4292426005 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 4292426005 by changing the saturation by 10% instead.





4292426005



4292426005

4294967295



4290319360



4294931271



4288217088



4294938464



4286119936



4294945914



4284088320



4294953364



4282318851



4294960815



4279959553



4294967243



4278190080



4294967272



4292426005



4292426005

■ 4292421632

■ 4292430635

■ 4292435008

■ 4292439638

■ 4292444268

■ 4292448898

■ 4292453271

■ 4292457901

■ 4292462531

■ 4292466904

# Harmonies

## Analogous

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



4293525596



4292426005



4289683968

# Triad

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



4292426005



4278226760



4278220287

# Complementary

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



4292426005



4279612889

# 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.



4278225147



4292426005



4278227345

# Square

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



4292426005



4278487296



4278227154



4288172509

# Rectangle

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



4292426005



4287263744



4278227154



4278222335



# Sweetspot

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



4292426005



4294952890



4292416949



4286602839



4278190080



4286611584



# Same Dimension

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



4292426005



4294913792



4292451093



4285424995



4289536000



4281206784

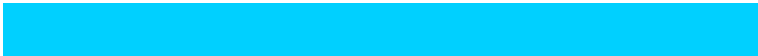


# Inverse Universe

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



4279612889



4278243583



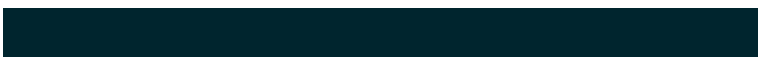
4279587801



4284705902



4278226605



4278199598



# Previews

## White Background



This preview shows how the Android color 4292426005 looks on a white background.

## Color Contrast Check

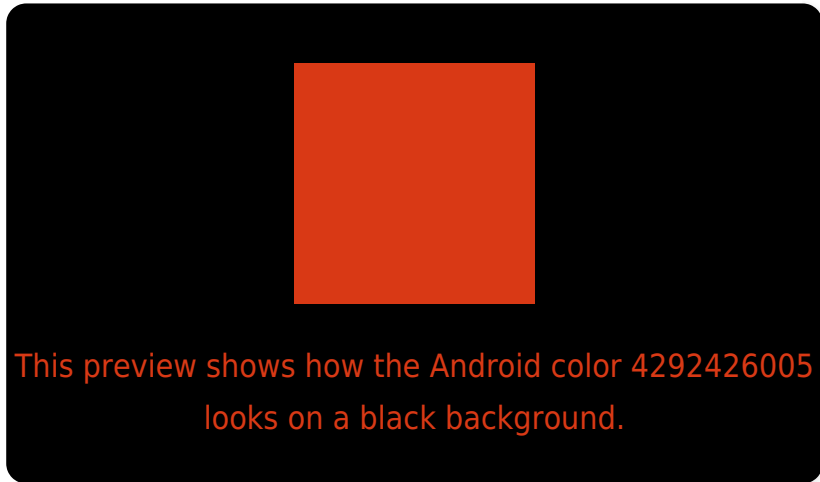
Large Text (above 18pt) WCAG AA ✓ Pass

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 ✓ 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](#).



# Android 4292426005 Background



This preview shows how black text looks on a background with the Android color 4292426005.



This preview shows how white text looks on a background with the Android color 4292426005.

# 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



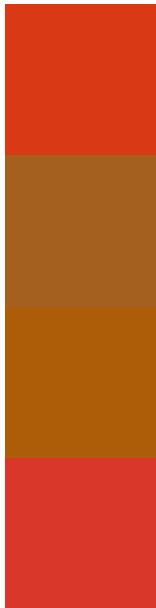
**Original Color**  
4292426005

**Protanopia**  
4286871076

**Deuteranopia**  
4287918080



# Trichromacy



**Original Color**  
4292426005

**Protanomaly**  
4288897055

**Deuteranomaly**  
4289551368

**Tritanomaly**  
4292491051

# Monochromacy



**Original Color**  
4292426005

**Achromatopsia**  
4284835173

**Achromatomaly**  
4287583560

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4292426005 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(217, 57, 21)` looks like.

```
.text, #text, p{  
    color:rgb(217, 57, 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(217, 57, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 57, 21) }
```

## Border

The CSS property to change the border of an element to Android 4292426005 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(217, 57, 21) }
```

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

```
.border{ border-color:rgb(217, 57, 21) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 57, 21)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 57, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 57, 21);  
box-shadow:4px 4px 4px 4px rgb(217, 57,  
21) }
```

# Background

The CSS property to change the background color of an element to Android 4292426005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 57, 21) }
```

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

```
.background{ background-color: rgb(217, 57,  
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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