

# Converting Colors

Android(4280251092)

Have a look what the booklet for  
Android(4280251092) contains.

<b>Android(4280251092)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Android(4280251092)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F72D4
RGB	31, 114, 212
RGB Percent	12%, 45%, 83%
CMY	0.8784, 0.5529, 0.1686
CMYK	0.85, 0.46, 0.00, 0.17
HSL	212°, 74%, 48%
HSV	212°, 85%, 83%
XYZ	18.4661, 17.0794, 64.6107
YIQ	100.3550, -80.9260, 12.8820

# Conversions

## Conversions Part 2

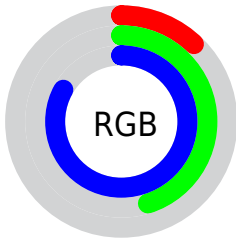
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	31, 88, 212
Decimal	2061012
CIE <sub>Lab</sub>	48.36, 12.18, -57.10
CIE <sub>LCh</sub>	48, 58.384, 282.037
Yxy	17.0794, 0.1844, 0.1705
Android (android.graphics.Color)	4280251092 (0xFF1F72D4)
YUV	100.3550, 55.0410, -60.8243
Hunter-Lab	41.3272, 7.4357, -63.7646




# Details

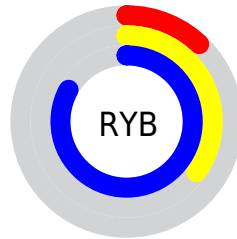
The Android color `4280251092` is a dark color, and the websafe version is hex `0066CC`. The color can be described as dark washed azure. A complement of this color would be `4292116767`, and the grayscale version is `4284769380`.




A 20% lighter version of the original color is `4285375999`, and `4278207389` is the 20% darker color. If you saturate the color by 10%, you get `4278872020`, and if you desaturate by 10%, it is `4281630164`.

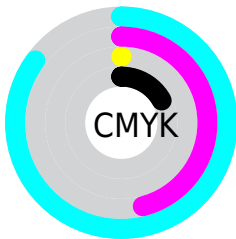
# Distribution







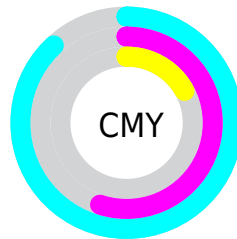
-  Red (12%)
-  Green (45%)
-  Blue (83%)






-  Red (12%)
-  Yellow (35%)
-  Blue (83%)



-  Cyan (85%)
-  Magenta (46%)
-  Yellow (0%)
-  Black (17%)



-  Cyan (88%)
-  Magenta (55%)
-  Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280251092 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 4280251092 by changing the saturation by 10% instead.



 4280251092

 4280251092

4294967295

 4278213304

 4285375999

 4278207389

 4287414527

 4278201986

 4289453311

 4278197096

 4291426559

 4278191695

 4293459967

 4278191415

 4278190625

 4278190086

 4278190080

■ 4280251092

■ 4280251092

■ 4278872020

■ 4281630164

■ 4278215124

■ 4283009492

■ 4284454100

■ 4285833428

■ 4287212500

■ 4288591828

■ 4289970900

■ 4291415764

■ 4292794836

# Harmonies

## Analogous

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



4278223313



4280251092



4287519933

# Triad

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



4280251092



4290793523



4278224978

# Complementary

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



4280251092



4292116767

# 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.



4282352161



4280251092



4288832770

# Square

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



4280251092



4291510113



4286084864



4278225286

# Rectangle

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



4280251092



4289744034



4286084864



4278224450



# Sweetspot

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



4280251092



4290632703



4280276096



4283984512



4278190080



4286611584



# Same Dimension

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



4280251092



4278220287



4280623060



4284507499



4278210219



4278195243



# Inverse Universe

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



4292091762



4294901877



4291744799



4285227109



4289396814



4281008148



# Previews

## White Background



This preview shows how the Android color 4280251092 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



This preview shows how the Android color 4280251092 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

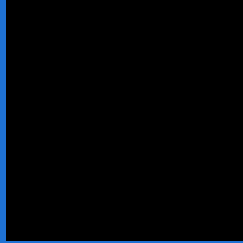
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

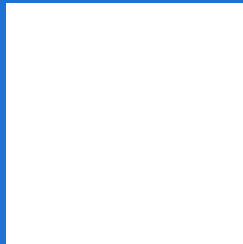
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280251092 Background



This preview shows how black text looks on a background with the Android color 4280251092.



This preview shows how white text looks on a background with the Android color 4280251092.

# 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





# Trichromacy



**Original Color**  
4280251092

**Protanomaly**  
4281692370

**Deuteranomaly**  
4278940624

**Tritanomaly**  
4278942372

# Monochromacy



**Original Color**  
4280251092

**Achromatopsia**  
4284769380

**Achromatomaly**  
4283132301

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280251092 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(31, 114, 212)` looks like.

```
.text, #text, p{  
    color:rgb(31, 114, 212)  
}
```

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(31, 114, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 114, 212) }
```

## Border

The CSS property to change the border of an element to Android 4280251092 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(31, 114, 212) }
```

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

```
.border{ border-color:rgb(31, 114, 212) }
```

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

Here you see how a box with a 4 pixel rgb(31, 114, 212) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 114, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 114, 212);  
box-shadow:4px 4px 4px 4px rgb(31, 114,  
212) }
```

# Background

The CSS property to change the background color of an element to Android 4280251092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 114, 212) }
```

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

```
.background{ background-color: rgb(31, 114,  
212) }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor