

# Converting Colors

Android(4278206144)

Have a look what the booklet for  
Android(4278206144) contains.

<b>Android(4278206144)</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(4278206144)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	003EC0
RGB	0, 62, 192
RGB Percent	0%, 24%, 75%
CMY	1.0000, 0.7569, 0.2471
CMYK	1.00, 0.68, 0.00, 0.25
HSL	221°, 100%, 38%
HSV	221°, 100%, 75%
XYZ	11.2371, 7.2510, 50.6765
YIQ	58.2820, -78.6820, 27.2860

# Conversions

## Conversions Part 2

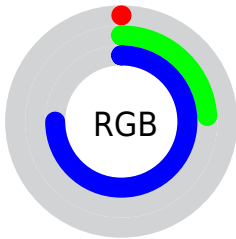
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	0, 47, 192
Decimal	16064
CIE <sub>Lab</sub>	32.37, 36.90, -71.59
CIE <sub>LCh</sub>	32, 80.544, 297.268
Y <sub>xy</sub>	7.2510, 0.1625, 0.1048
Android (android.graphics.Color)	4278206144 (0xFF003EC0)
YUV	58.2820, 65.9230, -51.1133
Hunter-Lab	26.9277, 27.3653, -92.7312

# Details

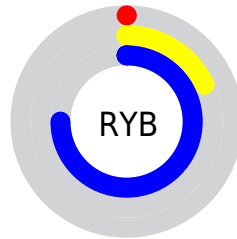
The Android color `4278206144` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4290806272`, and the grayscale version is `4282006074`.

A 20% lighter version of the original color is `4284640762`, and `4278195593` is the 20% darker color. If you saturate the color by 10%, you get `4278206144`, and if you desaturate by 10%, it is `4279454656`.

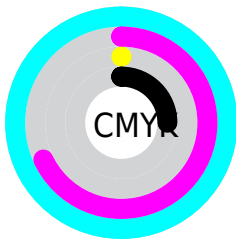
# Distribution



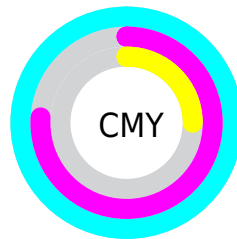
- Red (0%)
- Green (24%)
- Blue (75%)



- Red (0%)
- Yellow (18%)
- Blue (75%)



- Cyan (100%)
- Magenta (68%)
- Yellow (0%)
- Black (25%)



- Cyan (100%)
- Magenta (76%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4278206144 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 4278206144 by changing the saturation by 10% instead.



 4278206144

 4278206144

4294967295

 4278200484

 4284640762

 4278195593

 4286744575

 4278190191

 4288782847

 4278192469

 4290755839

 4278191677

 4292794623

 4278190886

 4294833407

 4278190351

 4278190080

 4278206144

■ 4279454656

■ 4280703168

■ 4282017216

■ 4283265728

■ 4284514240

■ 4285762752

■ 4287011264

■ 4288325312

■ 4289573824

# Harmonies

## Analogous

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



4278212815



4278206144



4287496338

# Triad

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



4278206144



4287702016



4278215236

# Complementary

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



4278206144



4290806272

# 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.



4278214656



4278206144



4284696576

# Square

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



4278206144



4289593368



4280178944



4278215814

# Rectangle

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



4278206144



4289331306



4280178944



4278215214



# Sweetspot

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



4278206144



4289710074



4278239360



4283457149



4294769916



4286414205



# Same Dimension

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



4278206144



4278211066



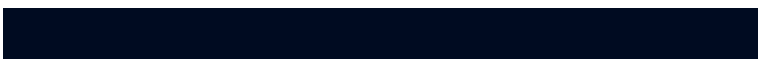
4280287424



4283914849



4278203553



4278192929



# Inverse Universe

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



4290773054



4294574161



4288724992



4284569434



4288741428



4280352779



# Previews

## White Background



This preview shows how the Android color 4278206144 looks on a white background.

## Color Contrast Check

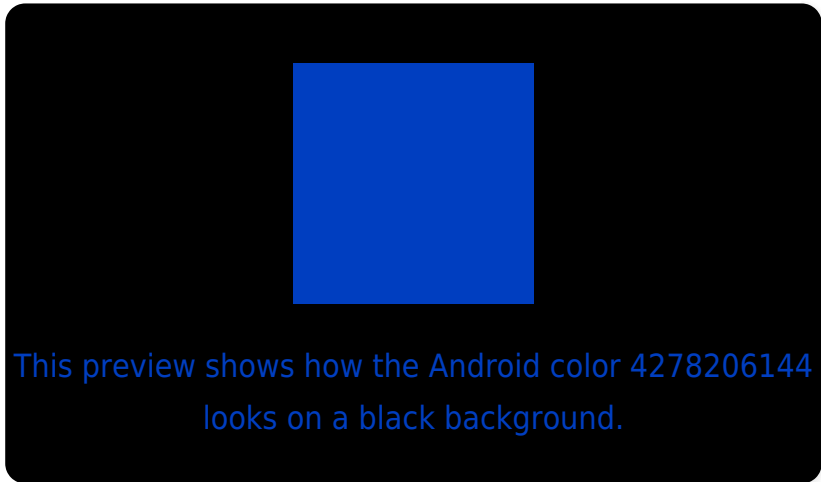
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

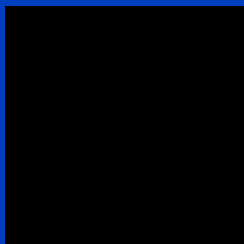
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Android 4278206144 Background



This preview shows how black text looks on a background with the Android color 4278206144.



This preview shows how white text looks on a background with the Android color 4278206144.

# 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**

4278206144

**Protanopia**

4278209179

**Deuteranopia**

4278210180



# Trichromacy



**Original Color**

4278206144

**Protanomaly**

4278208168

**Deuteranomaly**

4278208666

**Tritanomaly**

4278209918

# Monochromacy



**Original Color**

4278206144

**Achromatopsia**

4282006074

**Achromatomaly**

4280630123

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4278206144 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(0, 62, 192)` looks like.

```
.text, #text, p{  
    color:rgb(0, 62, 192)  
}
```

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(0, 62, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 62, 192) }
```

## Border

The CSS property to change the border of an element to Android 4278206144 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(0, 62, 192) }
```

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

```
.border{ border-color:rgb(0, 62, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 62, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 62, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 62, 192);  
box-shadow:4px 4px 4px 4px rgb(0, 62, 192)  
}
```

# Background

The CSS property to change the background color of an element to Android 4278206144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 62, 192) }
```

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

```
.background{ background-color: rgb(0, 62,  
192) }
```

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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