

# Converting Colors

Android(4284417204)

Have a look what the booklet for  
Android(4284417204) contains.

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**Color**

**Android(4284417204)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 5F04B4                    |
| RGB         | 95, 4, 180                |
| RGB Percent | 37%, 2%, 71%              |
| CMY         | 0.6275, 0.9843, 0.2941    |
| CMYK        | 0.47, 0.98, 0.00, 0.29    |
| HSL         | 271°, 96%, 36%            |
| HSV         | 271°, 98%, 71%            |
| XYZ         | 13.0010, 5.8150, 43.6172  |
| YIQ         | 51.2730, -2.2600, 74.0280 |

# Conversions

## Conversions Part 2

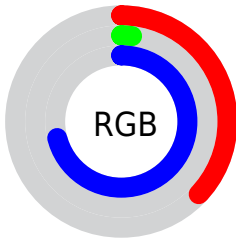
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| <b>R<sub>YB</sub></b>               | 95, 4, 180                    |
| Decimal                             | 6227124                       |
| CIE <sub>Lab</sub>                  | 28.94, 63.91, -69.95          |
| CIE <sub>LCh</sub>                  | 29, 94.750, 312.417           |
| Yxy                                 | 5.8150, 0.2082,<br>0.0931     |
| Android<br>(android.graphics.Color) | 4284417204<br>(0xFF5F04B4)    |
| YUV                                 | 51.2730, 63.4624,<br>38.3486  |
| Hunter-Lab                          | 24.1143, 54.0360,<br>-90.3617 |

# Details

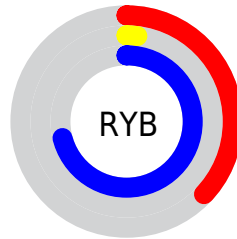
The Android color **4284417204** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **4284068868**, and the grayscale version is **4281545523**.

A 20% lighter version of the original color is **4288301037**, and **4279959678** is the 20% darker color. If you saturate the color by 10%, you get **4284285108**, and if you desaturate by 10%, it is **4285011636**.

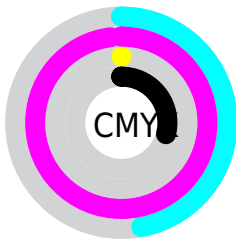
# Distribution



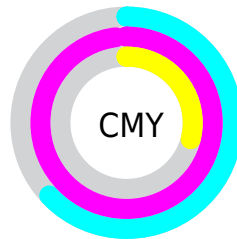
- Red (37%)
- Green (2%)
- Blue (71%)



- Red (37%)
- Yellow (2%)
- Blue (71%)



- Cyan (47%)
- Magenta (98%)
- Yellow (0%)
- Black (29%)



- Cyan (63%)
- Magenta (98%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284417204 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 4284417204 by changing the saturation by 10% instead.



4284417204

4284417204

4294967295

4282384536

4288301037

4279959678

4290274303

4278190180

4292181759

4278190155

4294220287

4278191155

4294948351

4278190621

4294955775

4278190080

4294963199

4284417204

4284417204

■ 4284285108

■ 4285011636

■ 4285540532

■ 4286134964

■ 4286729396

■ 4287258292

■ 4287852724

■ 4288447156

■ 4289041588

■ 4289570484

# Harmonies

## Analogous

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



4278208730



4284417204



4289265778

# Triad

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



4284417204



4285935360



4278213730

# Complementary

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



4284417204



4284068868

# 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.



4278213136



4284417204



4281879296

# Square

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



4284417204



4288806912



4278212096



4278214313

# Rectangle

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



4284417204



4290183235



4278212096



4278213449



# Sweetspot

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



4284417204



4291471339



4278475188



4284566645



4294309365



4285887861



# Same Dimension

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



4284417204



4286120171



4289987761



4283781209



4283367577



4279042074



# Inverse Universe

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



4289987673



4293591153



4278498311



4284043349



4288217162

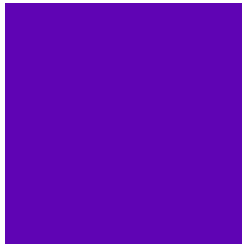


4279894028



# Previews

## White Background



This preview shows how the Android color 4284417204 looks on a white background.

## Color Contrast Check

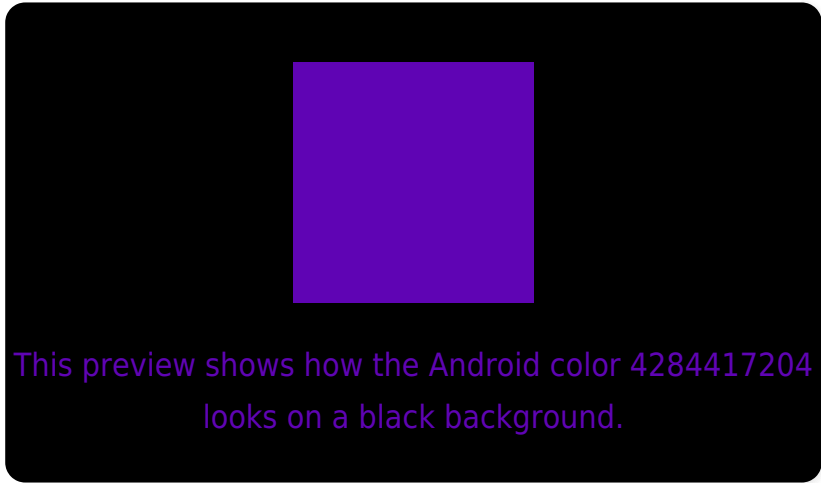
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284417204 Background



This preview shows how black text looks on a background with the Android color 4284417204.



This preview shows how white text looks on a background with the Android color 4284417204.

# 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**  
4284417204

**Protanopia**  
4278207631

**Deuteranopia**  
4278208634



# Trichromacy



**Original Color**  
4284417204

**Protanomaly**  
4280495516

**Deuteranomaly**  
4280496015

**Tritanomaly**  
4283313778

# Monochromacy



**Original Color**  
4284417204

**Achromatopsia**  
4281545523

**Achromatomaly**  
4282589794

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284417204 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(95, 4, 180)` looks like.

```
.text, #text, p{  
    color:rgb(95, 4, 180)  
}
```

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(95, 4, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 4, 180) }
```

## Border

The CSS property to change the border of an element to Android 4284417204 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(95, 4, 180) }
```

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

```
.border{ border-color:rgb(95, 4, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 4, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 4, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 4, 180);  
box-shadow:4px 4px 4px 4px rgb(95, 4, 180)  
}
```

# Background

The CSS property to change the background color of an element to Android 4284417204 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 4, 180) }
```

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

```
.background{ background-color: rgb(95, 4,  
180) }
```

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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