

# Converting Colors

Android(4284454820)

Have a look what the booklet for  
Android(4284454820) contains.

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# Color

**Android(4284454820)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5F97A4
RGB	95, 151, 164
RGB Percent	37%, 59%, 64%
CMY	0.6275, 0.4078, 0.3569
CMYK	0.42, 0.08, 0.00, 0.36
HSL	191°, 27%, 51%
HSV	191°, 42%, 64%
XYZ	22.4868, 27.2464, 39.1959
YIQ	135.7380, -37.5490, -7.8290

# Conversions

## Conversions Part 2

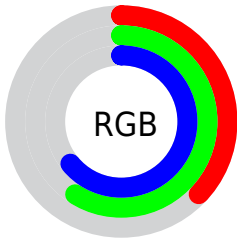
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	95, 126, 164
Decimal	6264740
CIE Lab	59.20, -14.90, -12.62
CIE LCh	59, 19.525, 220.248
Yxy	27.2464, 0.2529, 0.3064
Android (android.graphics.Color)	4284454820 (0xFF5F97A4)
YUV	135.7380, 13.9332, -35.7272
Hunter-Lab	52.1981, -14.4496, -7.9825

# Details

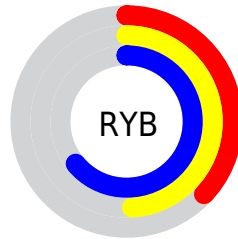
The Android color `4284454820` is a dark color, and the websafe version is hex `669999`. A complement of this color would be `4288965727`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4288007643`, and `4280968304` is the 20% darker color. If you saturate the color by 10%, you get `4283405476`, and if you desaturate by 10%, it is `4285504164`.

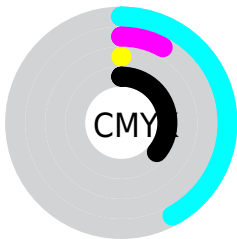
# Distribution



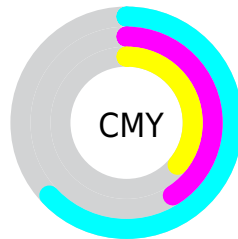
- Red (37%)
- Green (59%)
- Blue (64%)



- Red (37%)
- Yellow (49%)
- Blue (64%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (36%)



- Cyan (63%)
- Magenta (41%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284454820 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 4284454820 by changing the saturation by 10% instead.



 4284454820

 4284454820

4294967295

 4282744202

 4288007643

 4280968304

 4289784567

 4278668376

 4291690495

 4278203712

 4293525503

 4278198314

 4278190359

 4278190080

 4284454820

 4284454820

 4283405476

 4285504164

■ 4282290596

■ 4286619044

■ 4281241252

■ 4287668388

■ 4280126372

■ 4288783268

■ 4279077028

■ 4289832612

■ 4278224292

■ 4290882212

■ 4291997092

■ 4293046436

■ 4294161316

# Harmonies

## Analogous

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



4284586132



4284454820



4285305774

# Triad

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



4284454820



4289365146



4287991661

# Complementary

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



4284454820



4288965727

# 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.



4289104495



4284454820



4289823369

# Square

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



4284454820



4288252073



4289758585



4286747764

# Rectangle

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



4284454820



4286222512



4289758585



4288384364



# Sweetspot

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



4284454820



4290433494



4284458092



4284115051



4293651435



4285229931



# Same Dimension

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



4284454820



4285252310



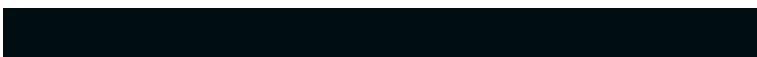
4284446116



4282994770



4278220433



4278193682



# Inverse Universe

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



4288962455



4292242370



4288974431



4283582800



4287692918

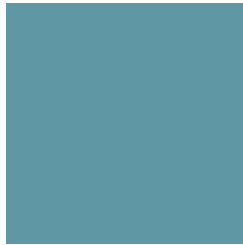


4279369742



# Previews

## White Background



This preview shows how the Android color 4284454820 looks on a white 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

# Black Background



This preview shows how the Android color 4284454820 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

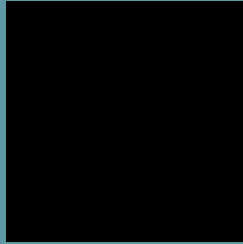
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



# Android 4284454820 Background



This preview shows how black text looks on a background with the Android color 4284454820.



This preview shows how white text looks on a background with the Android color 4284454820.

# 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**  
4284454820

**Protanopia**  
4287401373

**Deuteranopia**  
4287663015



# Trichromacy



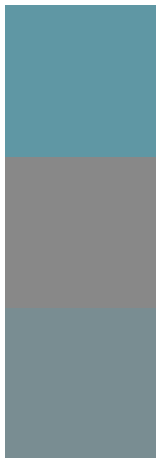
**Original Color**  
4284454820

**Protanomaly**  
4286353824

**Deuteranomaly**  
4286484390

**Tritanomaly**  
4284454819

# Monochromacy



**Original Color**  
4284454820

**Achromatopsia**  
4287137928

**Achromatomaly**  
4286156178

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284454820 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, 151, 164)` looks like.

```
.text, #text, p{  
    color:rgb(95, 151, 164)  
}
```

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, 151, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 151, 164) }
```

## Border

The CSS property to change the border of an element to Android 4284454820 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, 151, 164) }
```

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

```
.border{ border-color:rgb(95, 151, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 151, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 151, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 151, 164);  
box-shadow:4px 4px 4px 4px rgb(95, 151,  
164) }
```

# Background

The CSS property to change the background color of an element to Android 4284454820 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 151, 164) }
```

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

```
.background{ background-color: rgb(95, 151,  
164) }
```

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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