

# Converting Colors

Android(4284849892)

Have a look what the booklet for  
Android(4284849892) contains.

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# **Color**

**Android(4284849892)**

# Conversions

## Conversions Part 1

Format	Color
Hex	659EE4
RGB	101, 158, 228
RGB Percent	40%, 62%, 89%
CMY	0.6039, 0.3804, 0.1059
CMYK	0.56, 0.31, 0.00, 0.11
HSL	213°, 70%, 65%
HSV	213°, 56%, 89%
XYZ	31.5973, 32.8219, 78.0687
YIQ	148.9370, -56.4420, 9.6860

# Conversions

## Conversions Part 2

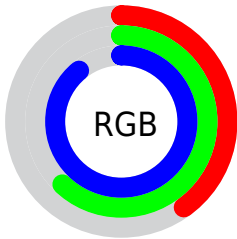
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 140, 228</a>
Decimal	<a href="#">6659812</a>
CIELab	<a href="#">64.02, 1.47, -41.05</a>
CIELCh	<a href="#">64, 41.074, 272.054</a>
Yxy	<a href="#">32.8219, 0.2218, 0.2303</a>
Android (android.graphics.Color)	<a href="#">4284849892 (0xFF659EE4)</a>
YUV	<a href="#">148.9370, 38.9781, -42.0407</a>
Hunter-Lab	<a href="#">57.2904, -1.8103, -40.6903</a>

# Details

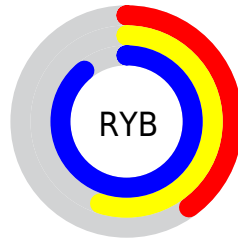
The Android color `4284849892` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293176165`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4288664831`, and `4280445868` is the 20% darker color. If you saturate the color by 10%, you get `4283339236`, and if you desaturate by 10%, it is `4286360548`.

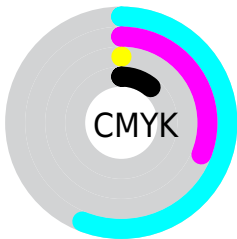
# Distribution



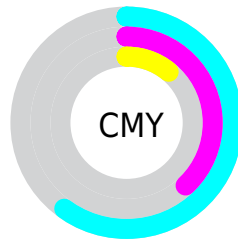
- Red (40%)
- Green (62%)
- Blue (89%)



- Red (40%)
- Yellow (55%)
- Blue (89%)



- Cyan (56%)
- Magenta (31%)
- Yellow (0%)
- Black (11%)



- Cyan (60%)
- Magenta (38%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4284849892 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 4284849892 by changing the saturation by 10% instead.



 4284849892

 4284849892

4294967295

 4282811592

 4288664831

 4280445868

 4290638335

 4278211473

 4292542463

 4278205559

 4294508543

 4278200158

 4278195014

 4278191151

 4278190361

 4278190080

■ 4284849892

■ 4284849892

■ 4283339236

■ 4286360548

■ 4281828836

■ 4287870948

■ 4280383716

■ 4289316068

■ 4278873316

■ 4290826468

■ 4278216420

■ 4292337124

■ 4293847524

■ 4294964964

■ 4294967268

# Harmonies

## Analogous

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



4278233307



4284849892



4288844249

# Triad

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



4284849892



4292837750



4284263288

# Complementary

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



4284849892



4293176165

# 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.



4287210587



4284849892



4291726683

# Square

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



4284849892



4292836762



4289763920



4278824605

# Rectangle

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



4284849892



4290742473



4289763920



4285311341

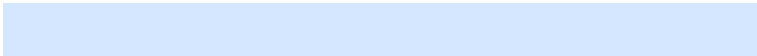


# Sweetspot

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



4284849892



4292143103



4284867755



4284903808



4278190080



4286611584

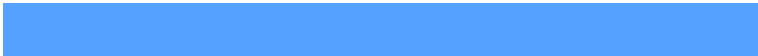


# Same Dimension

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



4284849892



4283736575



4285228516



4284968051



4278210739



4278196019



# Inverse Universe

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



4293158302



4294923425



4292797541



4285753196



4289921104



4281532439



# Previews

## White Background



This preview shows how the Android color 4284849892 looks on a white background.

## Color Contrast Check

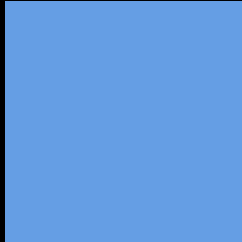
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4284849892 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 ✓ Pass

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



# Android 4284849892 Background



This preview shows how black text looks on a background with the Android color 4284849892.



This preview shows how white text looks on a background with the Android color 4284849892.

# 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**  
4284849892

**Protanomaly**  
4286094049

**Deuteranomaly**  
4285701093

**Tritanomaly**  
4284130502

# Monochromacy



**Original Color**  
4284849892

**Achromatopsia**  
4287993237

**Achromatomaly**  
4286879922

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4284849892 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(101, 158, 228)` looks like.

```
.text, #text, p{  
    color:rgb(101, 158, 228)  
}
```

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(101, 158, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 158, 228) }
```

## Border

The CSS property to change the border of an element to Android 4284849892 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(101, 158, 228) }
```

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

```
.border{ border-color:rgb(101, 158, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 158, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 158, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 158, 228);  
box-shadow:4px 4px 4px 4px rgb(101, 158,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4284849892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 158, 228) }
```

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

```
.background{ background-color: rgb(101,  
158, 228) }
```

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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