

# Converting Colors

Android(4283766620)

Have a look what the booklet for  
Android(4283766620) contains.

<b>Android(4283766620)</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(4283766620)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	55175C
RGB	85, 23, 92
RGB Percent	33%, 9%, 36%
CMY	0.6667, 0.9098, 0.6392
CMYK	0.08, 0.75, 0.00, 0.64
HSL	294°, 60%, 23%
HSV	294°, 75%, 36%
XYZ	5.9845, 3.3168, 10.4500
YIQ	49.4040, 14.8030, 34.6030

# Conversions

## Conversions Part 2

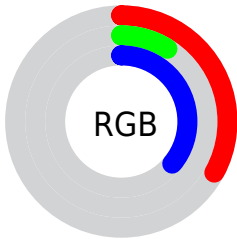
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 23, 92
Decimal	5576540
CIE <sub>Lab</sub>	21.27, 38.27, -27.31
CIE <sub>LCh</sub>	21, 47.012, 324.485
Yxy	3.3168, 0.3030, 0.1679
Android (android.graphics.Color)	4283766620 (0xFF55175C)
YUV	49.4040, 20.9998, 31.2177
Hunter-Lab	18.2121, 26.7839, -21.2719

# Details

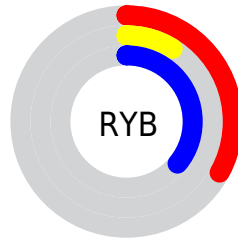
The Android color `4283766620` is a dark color, and the websafe version is hex `660066`. A complement of this color would be `4280179735`, and the grayscale version is `4281413937`.

A 20% lighter version of the original color is `4287187343`, and `4280746030` is the 20% darker color. If you saturate the color by 10%, you get `4283698780`, and if you desaturate by 10%, it is `4283834460`.

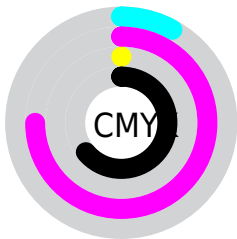
# Distribution



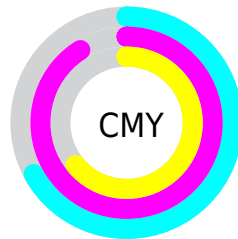
- Red (33%)
- Green (9%)
- Blue (36%)



- Red (33%)
- Yellow (9%)
- Blue (36%)



- Cyan (8%)
- Magenta (75%)
- Yellow (0%)
- Black (64%)



- Cyan (67%)
- Magenta (91%)
- Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4283766620 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 4283766620 by changing the saturation by 10% instead.



 4283766620

 4283766620

4294967295

 4282122308

 4287187343

 4280746030

 4288963241

 4278190360

 4290804933

 4278190080

 4292646625

 4294554110

 4294954495

 4294961919

 4283766620

 4283766620

■ 4283698780

■ 4283834460

■ 4283630940

■ 4283902300

■ 4283629660

■ 4283970396

■ 4284038236

■ 4284106076

■ 4284173916

■ 4284241756

■ 4284244316

■ 4284312156

# Harmonies

## Analogous

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



4279840115



4283766620



4285202491

# Triad

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



4283766620



4282724352



4278206799

# Complementary

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



4283766620



4280179735

# 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.



4278206763



4283766620



4280629504

# Square

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



428376620



4284358144



4278206211



4278206572

# Rectangle

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



4283766620



4285399076



4278206211



4278206788



# Sweetspot

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



4283766620



4285881464



4279705436



4282068029



4290624957



4282203453



# Same Dimension

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



4283766620



4285336696



4284225346



4281149742



4284678254



4292149485



# Inverse Universe

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



4284225310



4286057495



4279721009



4281215274



4285399051

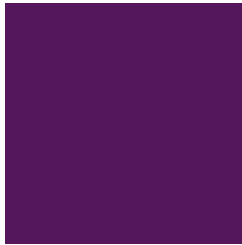


4293722136



# Previews

## White Background



This preview shows how the Android color 4283766620 looks on a white background.

## Color Contrast Check

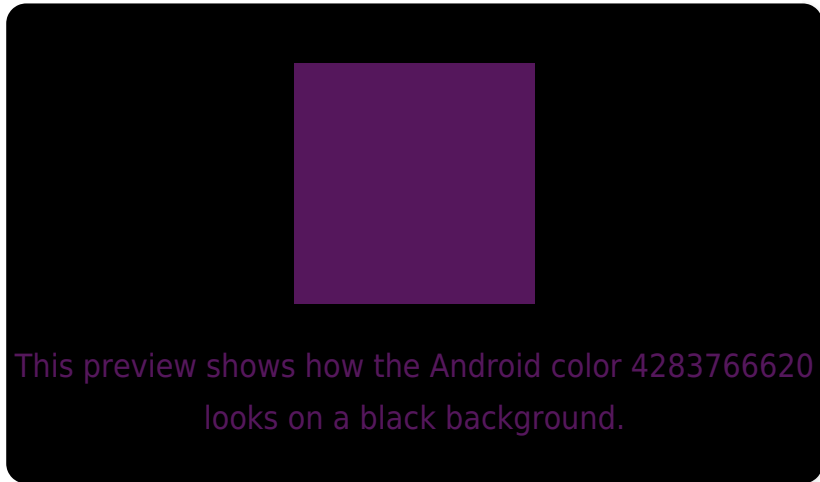
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283766620 Background



This preview shows how black text looks on a background with the Android color 4283766620.



This preview shows how white text looks on a background with the Android color 4283766620.

# 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**

4283766620

**Protanopia**

4278203244

**Deuteranopia**

4280169815



# Trichromacy



**Original Color**  
4283766620

**Protanomaly**  
4280232294

**Deuteranomaly**  
4281477721

**Tritanomaly**  
4283507261

# Monochromacy



**Original Color**  
4283766620

**Achromatopsia**  
4281413937

**Achromatomaly**  
4282263617

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4283766620 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(85, 23, 92)` looks like.

```
.text, #text, p{  
    color:rgb(85, 23, 92)  
}
```

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(85, 23, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 23, 92) }
```

## Border

The CSS property to change the border of an element to Android 4283766620 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(85, 23, 92) }
```

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

```
.border{ border-color:rgb(85, 23, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 23, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 23, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 23, 92);  
box-shadow:4px 4px 4px 4px rgb(85, 23, 92)  
}
```

# Background

The CSS property to change the background color of an element to Android 4283766620 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 23, 92) }
```

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

```
.background{ background-color: rgb(85, 23,  
92) }
```

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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