

# Converting Colors

Android(4279596691)

Have a look what the booklet for  
Android(4279596691) contains.

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# Color

**Android(4279596691)**

# Conversions

## Conversions Part 1

Format	Color
Hex	157693
RGB	21, 118, 147
RGB Percent	8%, 46%, 58%
CMY	0.9176, 0.5373, 0.4235
CMYK	0.86, 0.20, 0.00, 0.42
HSL	194°, 75%, 33%
HSV	194°, 86%, 58%
XYZ	12.0542, 15.2229, 29.9068
YIQ	92.3030, -67.1210, -11.5450

# Conversions

## Conversions Part 2

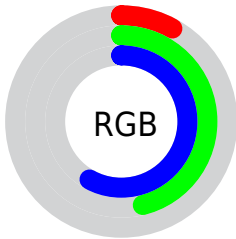
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 76, 147
Decimal	1406611
CIE Lab	45.94, -15.76, -23.22
CIE LCh	46, 28.064, 235.824
Yxy	15.2229, 0.2108, 0.2662
Android (android.graphics.Color)	4279596691 (0xFF157693)
YUV	92.3030, 26.9656, -62.5327
Hunter-Lab	39.0165, -13.1313, -18.1351

# Details

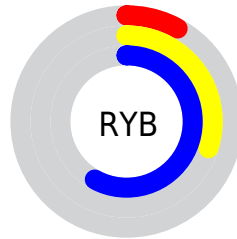
The Android color `4279596691` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287836693`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4284132041`, and `4278208096` is the 20% darker color. If you saturate the color by 10%, you get `4278612883`, and if you desaturate by 10%, it is `4280580499`.

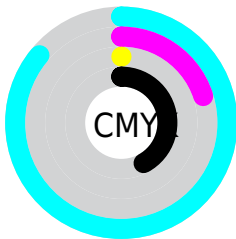
# Distribution



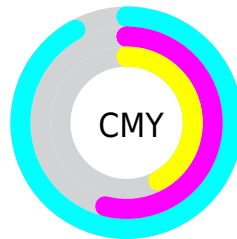
- Red (8%)
- Green (46%)
- Blue (58%)



- Red (8%)
- Yellow (30%)
- Blue (58%)



- Cyan (86%)
- Magenta (20%)
- Yellow (0%)
- Black (42%)



- Cyan (92%)
- Magenta (54%)
- Yellow (42%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4279596691 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 4279596691 by changing the saturation by 10% instead.



 4279596691

 4279596691

4294967295

 4278214009

 4284132041

 4278208096

 4286039781


 4278202184

 4287947519

 4278197298

 4289855231

 4278190621

 4291756031

 4278190080

 4293656575

 4279596691

 4279596691

 4278612883

 4280580499

■ 4278219155

■ 4281499027

■ 4282482835

■ 4283466899

■ 4284385171

■ 4285368979

■ 4286353043

■ 4287336851

■ 4288255123

# Harmonies

## Analogous

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



4278221184



4279596691



4282675355

# Triad

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



4279596691



4288109425



4284969538

# Complementary

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



4279596691



4287836693

# 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.



4286540350



4279596691



4288306266

# Square

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



4279596691



4287062151



4287717959



4283201362

# Rectangle

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



4279596691



4284443546



4287717959



4285558591



# Sweetspot

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



4279596691



4287542463



4279604016



4282604129



4292927712



4284572001



# Same Dimension

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



4279596691



4278227903



4279581075



4282599498



4278217354



4278192138



# Inverse Universe

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



4287829366



4290707603



4287852309



4283056968



4287234154



4278845448



# Previews

## White Background



This preview shows how the Android color 4279596691 looks on a white background.

## Color Contrast Check

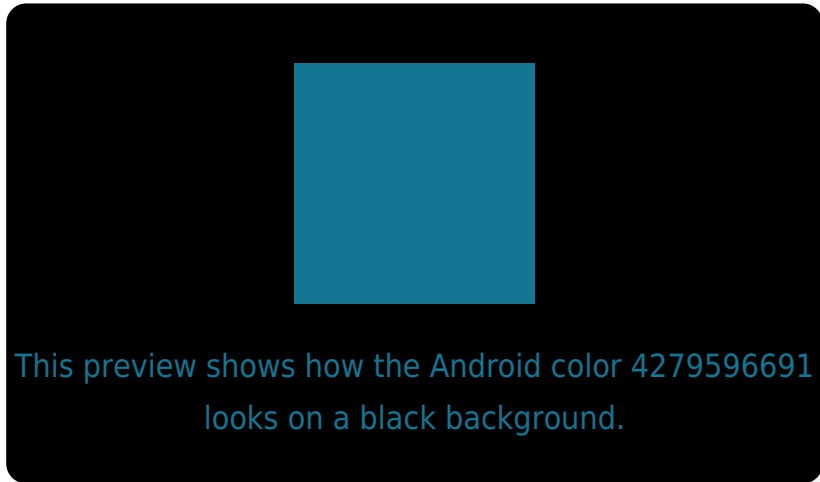
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

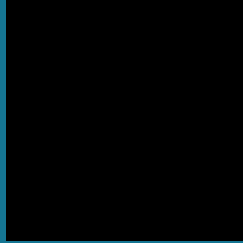
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



# Android 4279596691 Background



This preview shows how black text looks on a background with the Android color 4279596691.

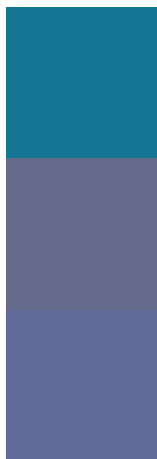


This preview shows how white text looks on a background with the Android color 4279596691.

# 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**  
4279596691

**Protanopia**  
4284771211

**Deuteranopia**  
4284443542



# Trichromacy



**Original Color**  
4279596691

**Protanomaly**  
4282871694

**Deuteranomaly**  
4282675093

**Tritanomaly**  
4278744968

# Monochromacy



**Original Color**  
4279596691

**Achromatopsia**  
4284243036

**Achromatomaly**  
4282541424

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279596691 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(21, 118, 147)` looks like.

```
.text, #text, p{  
    color:rgb(21, 118, 147)  
}
```

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(21, 118, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 118, 147) }
```

## Border

The CSS property to change the border of an element to Android 4279596691 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(21, 118, 147) }
```

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

```
.border{ border-color:rgb(21, 118, 147) }
```

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

Here you see how a box with a 4 pixel rgb(21, 118, 147) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 118, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 118, 147);  
box-shadow:4px 4px 4px 4px rgb(21, 118,  
147) }
```

# Background

The CSS property to change the background color of an element to Android 4279596691 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 118, 147) }
```

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

```
.background{ background-color: rgb(21, 118,  
147) }
```

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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