

Converting Colors

Android(4281767600)

Have a look what the booklet for
Android(4281767600) contains.

Android(4281767600)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281767600)

Conversions

Conversions Part 1

Format	Color
Hex	3696B0
RGB	54, 150, 176
RGB Percent	21%, 59%, 69%
CMY	0.7882, 0.4118, 0.3098
CMYK	0.69, 0.15, 0.00, 0.31
HSL	193°, 53%, 45%
HSV	193°, 69%, 69%
XYZ	20.2641, 25.7316, 44.9729
YIQ	124.2600, -65.5620, -12.2660

Conversions

Conversions Part 2

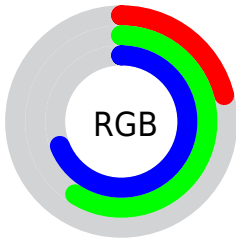
Format	Color
RYB	54, 108, 176
Decimal	3577520
CIELab	57.78, -19.32, -21.74
CIELCh	58, 29.084, 228.361
Yxy	25.7316, 0.2228, 0.2829
Android (android.graphics.Color)	4281767600 (0xFF3696B0)
YUV	124.2600, 25.5078, -61.6180
Hunter-Lab	50.7263, -17.4638, -17.0570

Details

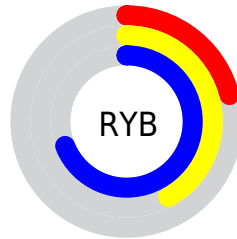
The Android color `4281767600` is a dark color, and the websafe version is hex `0099CC`. A complement of this color would be `4289744950`, and the grayscale version is `4286348412`.

A 20% lighter version of the original color is `4285844712`, and `4278215547` is the 20% darker color. If you saturate the color by 10%, you get `4280586928`, and if you desaturate by 10%, it is `4282948272`.

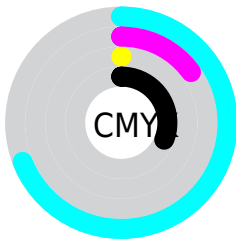
Distribution



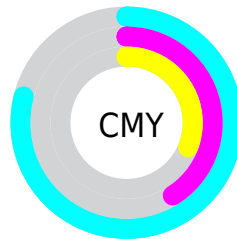
- Red (21%)
- Green (59%)
- Blue (69%)



- Red (21%)
- Yellow (42%)
- Blue (69%)



- Cyan (69%)
- Magenta (15%)
- Yellow (0%)
- Black (31%)





- Cyan (79%)
- Magenta (41%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281767600 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 4281767600 by changing the saturation by 10% instead.

 4281767600

 4281767600

4294967295

 4278418581

 4285844712

 4278215547

 4287752703

 4278209378

 4289658879

 4278203467

 4291559423


 4278198324

 4293525503

 4278190623

 4278190082

 4278190080

 4281767600

 4281767600

■ 4280586928

■ 4282948272

■ 4279471792

■ 4284063408

■ 4278291376

■ 4285243824

■ 4278225584

■ 4286358960

■ 4287539632

■ 4288720304

■ 4289835184

■ 4291015856

■ 4292130992

Harmonies

Analogous

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



4281702810



4281767600



4283994300

Triad

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



4281767600



4290148502



4287401562

Complementary

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



4281767600



4289744950

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.



4289037913



4281767600



4290607228

Square

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



4281767600



4288774061



4290215270



4285502568

Rectangle

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



4281767600



4285762493



4290215270



4287990872

Sweetspot

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



4281767600



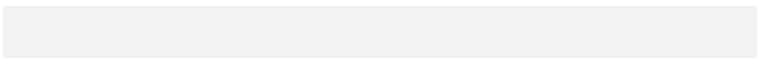
4290108390



4281774158



4283854195



4294111986



4285756275

Same Dimension

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



4281767600



4280794598



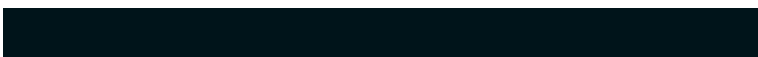
4281752496



4283455321



4278220953



4278195226

Inverse Universe

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



4289738390



4293273533



4289760054



4284043351



4288217208



4279894036

Previews

White Background



This preview shows how the Android color 4281767600 looks on a white background.

Color Contrast Check

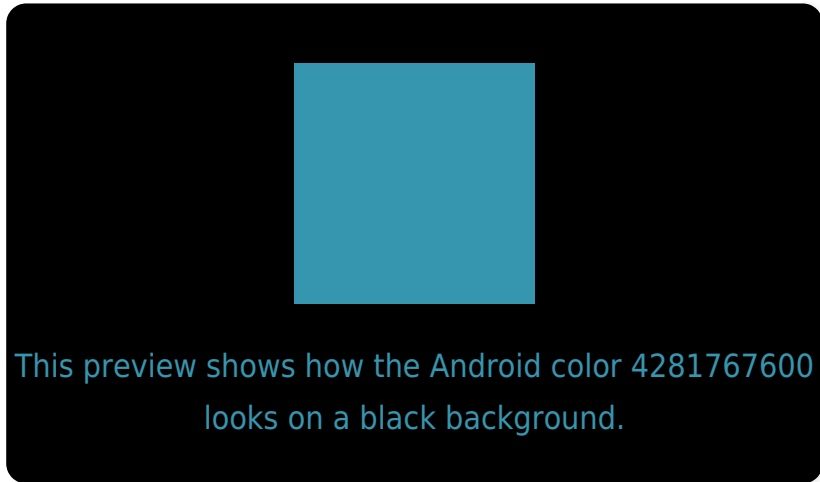
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

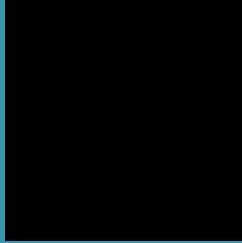
Any Text WCAG AA ✓ Pass

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 4281767600 Background



This preview shows how black text looks on a background with the Android color 4281767600.



This preview shows how white text looks on a background with the Android color 4281767600.

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
4281767600

Protanomaly
4284976810

Deuteranomaly
4284911026

Tritanomaly
4281505704

Monochromacy



Original Color
4281767600

Achromatopsia
4286348412

Achromatomaly
4284712335

CSS Examples

Text

The CSS property to change the color of the text to Android 4281767600 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(54, 150, 176)` looks like.

```
.text, #text, p{  
    color:rgb(54, 150, 176)  
}
```

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(54, 150, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(54, 150, 176) }
```

Border

The CSS property to change the border of an element to Android 4281767600 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(54, 150, 176) }
```

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

```
.border{ border-color:rgb(54, 150, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(54, 150, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(54, 150, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(54, 150, 176);  
box-shadow:4px 4px 4px 4px rgb(54, 150,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4281767600 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(54, 150, 176) }
```

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

```
.background{ background-color: rgb(54, 150,  
176) }
```

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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