

# Converting Colors

Android(4280453352)

Have a look what the booklet for  
Android(4280453352) contains.

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# Color

**Android(4280453352)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2288E8
RGB	34, 136, 232
RGB Percent	13%, 53%, 91%
CMY	0.8667, 0.4667, 0.0902
CMYK	0.85, 0.41, 0.00, 0.09
HSL	209°, 81%, 52%
HSV	209°, 85%, 91%
XYZ	24.0293, 23.7746, 79.6664
YIQ	116.4460, -91.6080, 8.2320

# Conversions

## Conversions Part 2

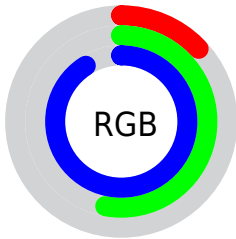
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	34, 101, 232
Decimal	2263272
CIE <sub>Lab</sub>	55.86, 6.41, -56.32
CIE <sub>LCh</sub>	56, 56.684, 276.494
Yxy	23.7746, 0.1885, 0.1865
Android (android.graphics.Color)	4280453352 (0xFF2288E8)
YUV	116.4460, 56.9681, -72.3051
Hunter-Lab	48.7592, 2.6391, -62.7410

# Details

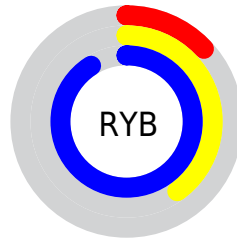
The Android color `4280453352` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle washed azure. A complement of this color would be `4293427746`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4285775359`, and `4278212528` is the 20% darker color. If you saturate the color by 10%, you get `4278943208`, and if you desaturate by 10%, it is `4281963496`.

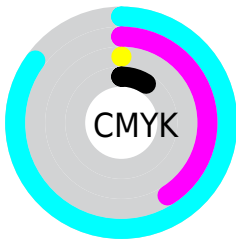
# Distribution



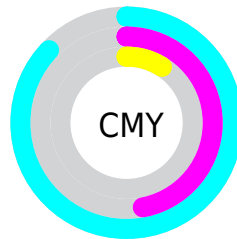
- Red (13%)
- Green (53%)
- Blue (91%)



- Red (13%)
- Yellow (40%)
- Blue (91%)



- Cyan (85%)
- Magenta (41%)
- Yellow (0%)
- Black (9%)



- Cyan (87%)
- Magenta (47%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280453352 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 4280453352 by changing the saturation by 10% instead.



 4280453352

 4280453352

4294967295

 4278218699

 4285775359

 4278212528

 4287879423

 4278206869

 4289918463

 4278201466

 4291952639

 4278196321

 4293984255

 4278192200

 4278191153

 4278190363

 4278190080

■ 4280453352

■ 4280453352

■ 4278943208

■ 4281963496

■ 4278221032

■ 4283473640

■ 4285049576

■ 4286559720

■ 4288069864

■ 4289580008

■ 4291090408

■ 4292666088

■ 4294176232

# Harmonies

## Analogous

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



4278228448



4280453352



4287984853

# Triad

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



4280453352



4292370766



4278229853

# Complementary

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



4280453352



4293427746

# 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.



4284584752



4280453352



4290671911

# Square

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



4280453352



4292761213



4287989525



4278230415

# Rectangle

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



4280453352



4290537149



4287989525



4281178445

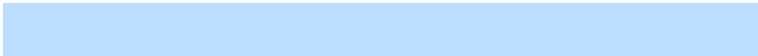


# Sweetspot

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



4280453352



4290633727



4280477826



4283985024



4278190080



4286611584



# Same Dimension

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



4280453352



4278223871



4280428008



4284968307



4278213811



4278196787



# Inverse Universe

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



4293403272



4294901891



4293453090



4285753197



4289921116

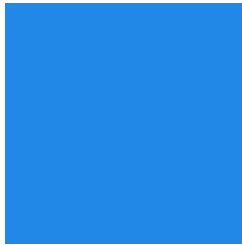


4281532442



# Previews

## White Background



This preview shows how the Android color 4280453352 looks on a white background.

## Color Contrast Check

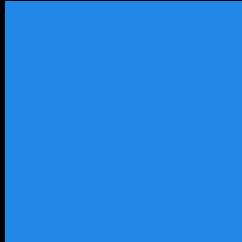
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280453352 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

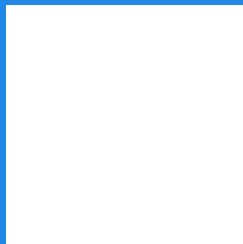
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4280453352 Background



This preview shows how black text looks on a background with the Android color 4280453352.



This preview shows how white text looks on a background with the Android color 4280453352.

# 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





**Tritanopia**  
4278228126

# Trichromacy



**Original Color**  
4280453352

**Protanomaly**  
4282877156

**Deuteranomaly**  
4281108456

**Tritanomaly**  
4279013561

# Monochromacy



**Original Color**  
4280453352

**Achromatopsia**  
4285822068

**Achromatomaly**  
4283857822

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280453352 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(34, 136, 232)` looks like.

```
.text, #text, p{  
    color:rgb(34, 136, 232)  
}
```

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(34, 136, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 136, 232) }
```

## Border

The CSS property to change the border of an element to Android 4280453352 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(34, 136, 232) }
```

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

```
.border{ border-color:rgb(34, 136, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 136, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 136, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 136, 232);  
box-shadow:4px 4px 4px 4px rgb(34, 136,  
232) }
```

# Background

The CSS property to change the background color of an element to Android 4280453352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 136, 232) }
```

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

```
.background{ background-color: rgb(34, 136,  
232) }
```

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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