

# Converting Colors

Android(4282360305)

Have a look what the booklet for  
Android(4282360305) contains.

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# **Color**

**Android(4282360305)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3FA1F1
RGB	63, 161, 241
RGB Percent	25%, 63%, 95%
CMY	0.7529, 0.3686, 0.0549
CMYK	0.74, 0.33, 0.00, 0.05
HSL	207°, 86%, 60%
HSV	207°, 74%, 95%
XYZ	30.6720, 32.8974, 87.9523
YIQ	140.8180, -84.0880, 4.1040

# Conversions

## Conversions Part 2

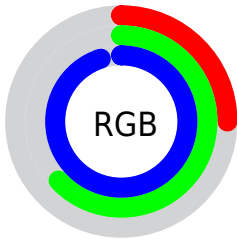
Format	Color
R <sub>YB</sub>	63, 126, 241
Decimal	4170225
CIE Lab	64.08, -2.21, -48.20
CIE LCh	64, 48.248, 267.378
Yxy	32.8974, 0.2024, 0.2171
Android (android.graphics.Color)	4282360305 (0xFF3FA1F1)
YUV	140.8180, 49.3897, -68.2464
Hunter-Lab	57.3562, -4.9183, -50.7683

# Details

The Android color `4282360305` is a light color, and the websafe version is hex `0099FF`. The color can be described as light washed azure. A complement of this color would be `4294020927`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4286896127`, and `4278218424` is the 20% darker color. If you saturate the color by 10%, you get `4280784625`, and if you desaturate by 10%, it is `4283935985`.

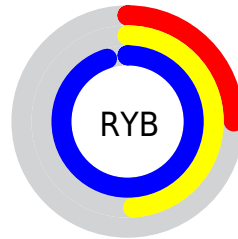
# Distribution



Red (25%)

Green (63%)

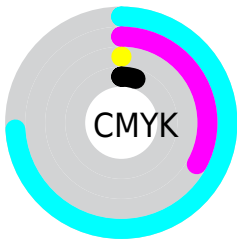
Blue (95%)



Red (25%)

Yellow (49%)

Blue (95%)

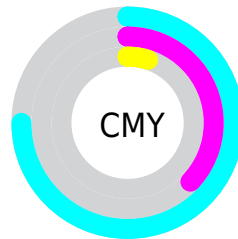


Cyan (74%)

Magenta (33%)

Yellow (0%)

Black (5%)



Cyan (75%)

Magenta (37%)

Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282360305 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 4282360305 by changing the saturation by 10% instead.



 4282360305

 4282360305

4294967295

 4278224852

 4286896127

 4278218424

 4288935167

 4278212253

 4290969599

 4278206339

 4293001215

 4278200937

 4278195792

 4278191417

 4278190626

 4278190089

■ 4282360305

■ 4282360305

■ 4280784625

■ 4283935985

■ 4279208945

■ 4285511665

■ 4278224369

■ 4287087089

■ 4288662769

■ 4290303985

■ 4291879665

■ 4293455345

■ 4294965489

■ 4294967281

# Harmonies

## Analogous

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



4278234083



4282360305



4288189160

# Triad

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



4282360305



4293622390



4283936107

# Complementary

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



4282360305



4294020927

# 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.



4287472972



4282360305



4292446292

# Square

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



4282360305



4293425057



4290287682



4278235542

# Rectangle

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



4282360305



4290676438



4290287682



4285246303

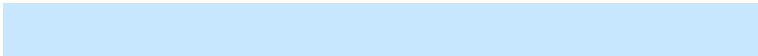


# Sweetspot

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



4282360305



4291290879



4282380684



4284379520



4278190080



4286611584



# Same Dimension

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



4282360305



4280064511



4282338289



4285297272



4278216120



4278198072



# Inverse Universe

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



4294000545



4294909081



4294042943



4286082162



4290248805



4281860127



# Previews

## White Background



This preview shows how the Android color 4282360305 looks on a white background.

## Color Contrast Check

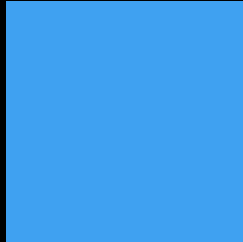
Large Text (above 18pt) WCAG AA × Fail

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 4282360305 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

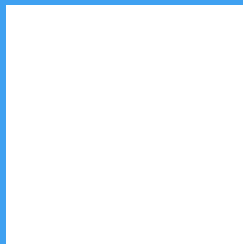
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# Android 4282360305 Background



This preview shows how black text looks on a background with the Android color 4282360305.



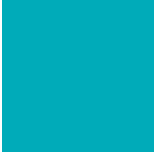
This preview shows how white text looks on a background with the Android color 4282360305.

# 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**  
4278234041

# Trichromacy



**Original Color**  
4282360305

**Protanomaly**  
4284980204

**Deuteranomaly**  
4284128754

**Tritanomaly**  
4279740365

# Monochromacy



**Original Color**  
4282360305

**Achromatopsia**  
4287466893

**Achromatomaly**  
4285633713

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282360305 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(63, 161, 241)` looks like.

```
.text, #text, p{  
    color:rgb(63, 161, 241)  
}
```

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(63, 161, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 161, 241) }
```

## Border

The CSS property to change the border of an element to Android 4282360305 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(63, 161, 241) }
```

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

```
.border{ border-color:rgb(63, 161, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 161, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 161, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 161, 241);  
box-shadow:4px 4px 4px 4px rgb(63, 161,  
241) }
```

# Background

The CSS property to change the background color of an element to Android 4282360305 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 161, 241) }
```

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

```
.background{ background-color: rgb(63, 161,  
241) }
```

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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