

Converting Colors

Android(4281693936)

Have a look what the booklet for
Android(4281693936) contains.

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Color

Android(4281693936)

Conversions

Conversions Part 1

Format	Color
Hex	3576F0
RGB	53, 118, 240
RGB Percent	21%, 46%, 94%
CMY	0.7922, 0.5373, 0.0588
CMYK	0.78, 0.51, 0.00, 0.06
HSL	219°, 86%, 57%
HSV	219°, 78%, 94%
XYZ	23.6748, 20.0050, 85.0516
YIQ	112.4730, -77.9020, 24.1620

Conversions

Conversions Part 2

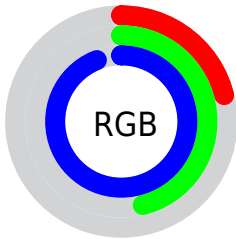
Format	Color
R _Y B	53, 101, 240
Decimal	3503856
CIE Lab	51.84, 22.17, -67.22
CIE LCh	52, 70.783, 288.252
Yxy	20.0050, 0.1839, 0.1554
Android (android.graphics.Color)	4281693936 (0xFF3576F0)
YUV	112.4730, 62.8708, -52.1578
Hunter-Lab	44.7270, 16.2111, -81.4354

Details

The Android color `4281693936` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle washed azure. A complement of this color would be `4293963573`, and the grayscale version is `4285558896`.

A 20% lighter version of the original color is `4286491135`, and `4278208439` is the 20% darker color. If you saturate the color by 10%, you get `4280116976`, and if you desaturate by 10%, it is `4283270896`.

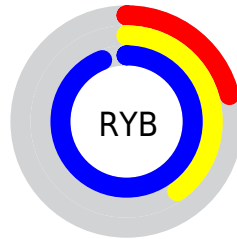
Distribution



Red (21%)

Green (46%)

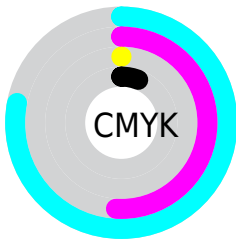
Blue (94%)



Red (21%)

Yellow (40%)

Blue (94%)

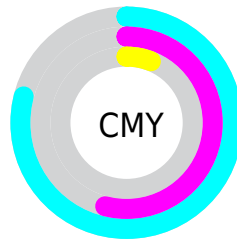


Cyan (78%)

Magenta (51%)

Yellow (0%)

Black (6%)



Cyan (79%)


Magenta (54%)


Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281693936 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 4281693936 by changing the saturation by 10% instead.

 4281693936

 4281693936

4294967295

 4278214355

 4286491135

 4278208439

 4288595455

 4278203035

 4290633983

 4278198145

 4292673023

 4278191975

 4294705151

 4278192718

 4278191414

 4278190624

 4278190083

■ 4281693936

■ 4281693936

■ 4280116976

■ 4283270896

■ 4278540272

■ 4284847600

■ 4278211568

■ 4286424560

■ 4288001520

■ 4289578224

■ 4291155184

■ 4292732144

■ 4294308848

■ 4294967280

Harmonies

Analogous

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



4278225651



4281693936



4289419469

Triad

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



4281693936



4291908639



4278228321

Complementary

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



4281693936



4293963573

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.



4279734047



4281693936



4289294336

Square

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



4281693936



4293211738



4285760512



4278228640

Rectangle

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



4281693936



4291772842



4285760512



4278227788

Sweetspot

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



4281693936



4291090943



4281725103



4284246144



4278190080



4286611584

Same Dimension

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



4281693936



4279198719



4283512304



4285296760



4278206648



4278195256

Inverse Universe

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



4293932406



4294905699



4292145205



4286082160



4290248768



4281860116

Previews

White Background



This preview shows how the Android color 4281693936 looks on a white background.

Color Contrast Check

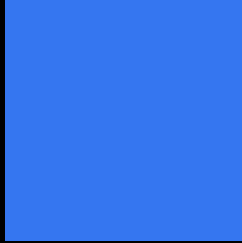
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281693936 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

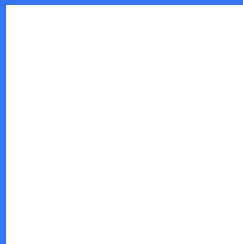
Any Text WCAG AAA × Fail

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

Android 4281693936 Background



This preview shows how black text looks on a background with the Android color 4281693936.



This preview shows how white text looks on a background with the Android color 4281693936.

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

4281693936

Protanopia

4281300977

Deuteranopia

4278222299

Trichromacy



Original Color
4281693936

Protanomaly
4281432049

Deuteranomaly
4279466723

Tritanomaly
4279468468

Monochromacy



Original Color
4281693936

Achromatopsia
4285558896

Achromatomaly
4284183199

CSS Examples

Text

The CSS property to change the color of the text to Android 4281693936 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(53, 118, 240)` looks like.

```
.text, #text, p{  
    color:rgb(53, 118, 240)  
}
```

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(53, 118, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 118, 240) }
```

Border

The CSS property to change the border of an element to Android 4281693936 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(53, 118, 240) }
```

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

```
.border{ border-color:rgb(53, 118, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 118, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 118, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 118, 240);  
box-shadow:4px 4px 4px 4px rgb(53, 118,  
240) }
```

Background

The CSS property to change the background color of an element to Android 4281693936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 118, 240) }
```

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

```
.background{ background-color: rgb(53, 118,  
240) }
```

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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