

Converting Colors

Android(4284187095)

Have a look what the booklet for
Android(4284187095) contains.

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Color

Android(4284187095)

Conversions

Conversions Part 1	
Format	Color
Hex	5B81D7
RGB	91, 129, 215
RGB Percent	36%, 51%, 84%
CMY	0.6431, 0.4941, 0.1569
CMYK	0.58, 0.40, 0.00, 0.16
HSL	222°, 61%, 60%
HSV	222°, 58%, 84%
XYZ	24.4304, 22.8310, 67.4092
YIQ	127.4420, -50.2540, 18.6900

Conversions

Conversions Part 2

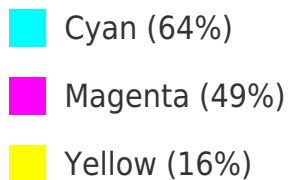
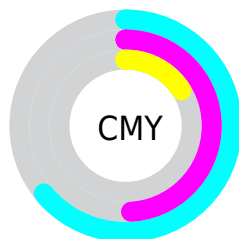
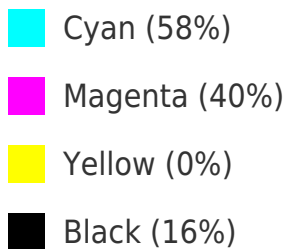
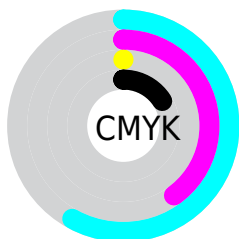
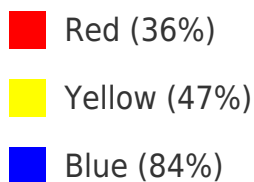
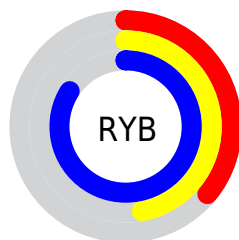
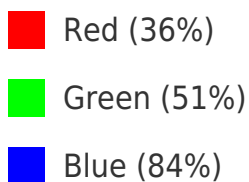
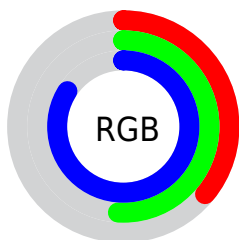
Format	Color
RYB	91, 120, 215
Decimal	5997015
CIELab	54.90, 12.31, -48.22
CIELCh	55, 49.767, 284.325
Yxy	22.8310, 0.2130, 0.1991
Android (android.graphics.Color)	4284187095 (0xFF5B81D7)
YUV	127.4420, 43.1661, -31.9596
Hunter-Lab	47.7818, 7.6474, -50.1975

Details

The Android color `4284187095` is a dark color, and the websafe version is hex `6699FF`. The color can be described as middle muted azure. A complement of this color would be `4292325723`, and the grayscale version is `4286545791`.

A 20% lighter version of the original color is `4288001791`, and `4279390368` is the 20% darker color. If you saturate the color by 10%, you get `4282806999`, and if you desaturate by 10%, it is `4285632727`.

Distribution



Brightness & Saturation Gradients

These gradients show how the Android color 4284187095 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 4284187095 by changing the saturation by 10% instead.

 4284187095

 4284187095

4294967295

 4282149051

 4288001791

 4279390368

 4289974783

 4278205061

 4291882495

 4278199659

 4293853183

 4278194514

 4278191675

 4278190628

 4278190092


 4278190080

 4284187095

 4284187095

 4282806999

 4285632727

 4281361367

 4287012823

 4279981271

 4288458455

 4278535639

 4289838551

 4278207191

 4291284183

 4292664023

 4294109655

 4294965463

 4294967255

Harmonies

Analogous

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



4278226646



4284187095



4288704449

Triad

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



4284187095



4291389513



4278228843

Complementary

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



4284187095



4292325723

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.



4283929155



4284187095



4289624365

Square

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



4284187095



4292042096



4287072297



4278229399

Rectangle

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



4284187095



4290602154



4287072297



4280522332

Sweetspot

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



4284187095



4292141567



4284209072



4284903040



4278190080



4286611584

Same Dimension

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



4284187095



4283401727



4285684695



4284507243



4278203563



4278193451

Inverse Universe

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



4292303745



4294922117



4290828123



4285227108



4289396788



4281008141

Previews

White Background



This preview shows how the Android color 4284187095 looks on a white background.

Color Contrast Check

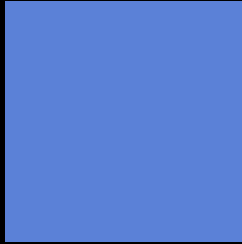
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284187095 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

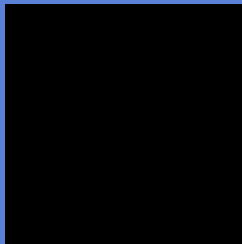
Any Text WCAG AA ✓ Pass

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 4284187095 Background



This preview shows how black text looks on a background with the Android color 4284187095.

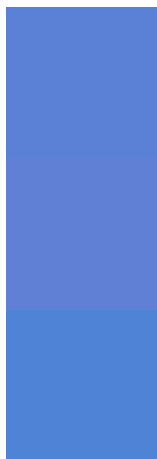


This preview shows how white text looks on a background with the Android color 4284187095.

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

4284187095

Protanopia

4284514518

Deuteranopia

4283335638

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4284187095 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(91, 129, 215)` looks like.

```
.text, #text, p{  
    color:rgb(91, 129, 215)  
}
```

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(91, 129, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(91, 129, 215) }
```

Border

The CSS property to change the border of an element to Android 4284187095 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(91, 129, 215) }
```

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

```
.border{ border-color:rgb(91, 129, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(91, 129, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(91, 129, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(91, 129, 215);  
box-shadow:4px 4px 4px 4px rgb(91, 129,  
215) }
```

Background

The CSS property to change the background color of an element to Android 4284187095 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(91, 129, 215) }
```

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

```
.background{ background-color:rgb(91, 129,  
215) }
```

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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