

Converting Colors

Android(4284053706)

Have a look what the booklet for
Android(4284053706) contains.

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Color

Android(4284053706)

Conversions

Conversions Part 1

Format	Color
Hex	5978CA
RGB	89, 120, 202
RGB Percent	35%, 47%, 79%
CMY	0.6510, 0.5294, 0.2078
CMYK	0.56, 0.41, 0.00, 0.21
HSL	224°, 52%, 57%
HSV	224°, 56%, 79%
XYZ	21.4970, 19.8211, 58.5699
YIQ	120.0790, -44.7980, 18.9300

Conversions

Conversions Part 2

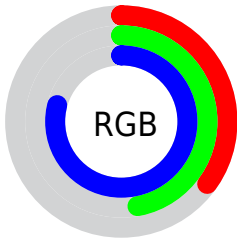
Format	Color
R_{YB}	89, 113, 202
Decimal	5863626
CIE _{Lab}	51.63, 13.11, -46.04
CIE _{LCh}	52, 47.874, 285.893
Yxy	19.8211, 0.2152, 0.1984
Android (android.graphics.Color)	4284053706 (0xFF5978CA)
YUV	120.0790, 40.3871, -27.2563
Hunter-Lab	44.5208, 8.2775, -46.8351

Details

The Android color `4284053706` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle muted azure. A complement of this color would be `4291472217`, and the grayscale version is `4286085240`.

A 20% lighter version of the original color is `4287802623`, and `4279584915` is the 20% darker color. If you saturate the color by 10%, you get `4282739146`, and if you desaturate by 10%, it is `4285368266`.

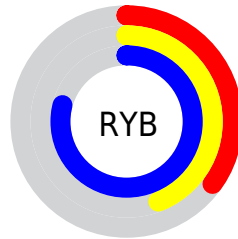
Distribution



Red (35%)

Green (47%)

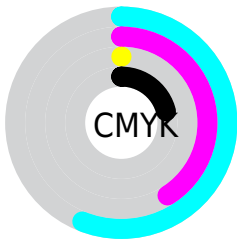
Blue (79%)



Red (35%)

Yellow (44%)

Blue (79%)

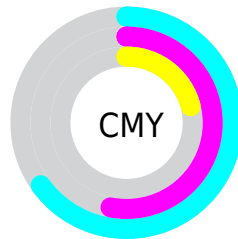


Cyan (56%)

Magenta (41%)

Yellow (0%)

Black (21%)



Cyan (65%)

Magenta (53%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284053706 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 4284053706 by changing the saturation by 10% instead.

 4284053706

 4284053706

4294967295

 4282081198

 4287802623

 4279584915

 4289710079

 4278203001

 4291617791

 4278197856

 4293525503

 4278191176

 4278191152

 4278190362

 4278190080

 4284053706

 4284053706

■ 4282739146

■ 4285368266

■ 4281424842

■ 4286682570

■ 4280044746

■ 4288062666

■ 4278730186

■ 4289377226

■ 4278204362

■ 4290691530

■ 4292006090

■ 4293320650

■ 4294700490

■ 4294966474

Harmonies

Analogous

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



4278224330



4284053706



4288243636

Triad

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



4284053706



4290536002



4278226534

Complementary

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



4284053706



4291472217

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.



4283271487



4284053706



4288770600

Square

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



4284053706



4291254119



4286349350



4278226832

Rectangle

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



4284053706



4289944989



4286349350



4279733592

Sweetspot

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



4284053706



4292141311



4284074666



4284902784



4278190080



4286611584

Same Dimension

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



4284053706



4283728895



4285618634



4284243814



4278201766



4278192678

Inverse Universe

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



4291451256



4294923395



4289907289



4284898399



4289069101



4280680458

Previews

White Background



This preview shows how the Android color 4284053706 looks on a white background.

Color Contrast Check

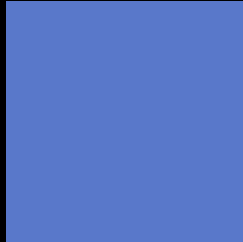
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284053706 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 4284053706 Background



This preview shows how black text looks on a background with the Android color 4284053706.

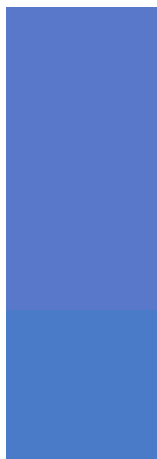


This preview shows how white text looks on a background with the Android color 4284053706.

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

4284053706

Protanopia

4284053706

Deuteranopia

4283005897

Trichromacy



Original Color
4284053706

Protanomaly
4284053706

Deuteranomaly
4283398857

Tritanomaly
4283138212

Monochromacy



Original Color
4284053706

Achromatopsia
4286085240

Achromatomaly
4285364374

CSS Examples

Text

The CSS property to change the color of the text to Android 4284053706 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(89, 120, 202)` looks like.

```
.text, #text, p{  
    color:rgb(89, 120, 202)  
}
```

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(89, 120, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 120, 202) }
```

Border

The CSS property to change the border of an element to Android 4284053706 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(89, 120, 202) }
```

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

```
.border{ border-color:rgb(89, 120, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 120, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 120, 202); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 120, 202);  
box-shadow:4px 4px 4px 4px rgb(89, 120,  
202) }
```

Background

The CSS property to change the background color of an element to Android 4284053706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 120, 202) }
```

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

```
.background{ background-color: rgb(89, 120,  
202) }
```

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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