

Converting Colors

Android(4284716003)

Have a look what the booklet for
Android(4284716003) contains.

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Color

Android(4284716003)

Conversions

Conversions Part 1

Format	Color
Hex	6393E3
RGB	99, 147, 227
RGB Percent	39%, 58%, 89%
CMY	0.6118, 0.4235, 0.1098
CMYK	0.56, 0.35, 0.00, 0.11
HSL	218°, 70%, 64%
HSV	218°, 56%, 89%
XYZ	29.4444, 29.0661, 76.7315
YIQ	141.7680, -54.2880, 14.7040

Conversions

Conversions Part 2

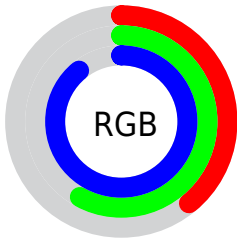
Format	Color
R _Y B	99, 134, 227
Decimal	6525923
CIE Lab	60.84, 7.11, -45.50
CIE LCh	61, 46.048, 278.884
Yxy	29.0661, 0.2177, 0.2149
Android (android.graphics.Color)	4284716003 (0xFF6393E3)
YUV	141.7680, 42.0194, -37.5075
Hunter-Lab	53.9130, 3.1395, -46.6451

Details

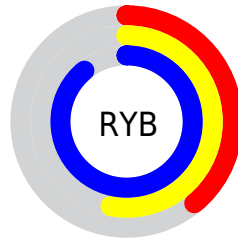
The Android color `4284716003` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293112675`, and the grayscale version is `4287466893`.

A 20% lighter version of the original color is `4288596479`, and `4280246699` is the 20% darker color. If you saturate the color by 10%, you get `4283205091`, and if you desaturate by 10%, it is `4286226915`.

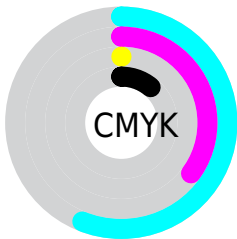
Distribution



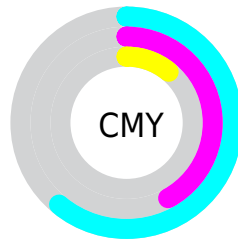
- Red (39%)
- Green (58%)
- Blue (89%)



- Red (39%)
- Yellow (53%)
- Blue (89%)



- Cyan (56%)
- Magenta (35%)
- Yellow (0%)
- Black (11%)



- Cyan (61%)
- Magenta (42%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284716003 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 4284716003 by changing the saturation by 10% instead.

 4284716003

 4284716003

4294967295

 4282677703

 4288596479

 4280246699

 4290504191

 4278209168

 4292411391

 4278203510

 4294377471

 4278198109

 4278191429

 4278190894

 4278190360

 4278190080

■ 4284716003

■ 4284716003

■ 4283205091

■ 4286226915

■ 4281759715

■ 4287672291

■ 4280248547

■ 4289183459

■ 4278737635

■ 4290694371

■ 4278212067

■ 4292139747

■ 4293650659

■ 4294964963

■ 4294967267

Harmonies

Analogous

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



4278231006



4284716003



4289102802

Triad

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



4284716003



4292442210



4281836916

Complementary

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



4284716003



4293112675

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.



4285767505



4284716003



4290938438

Square

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



4284716003



4292833416



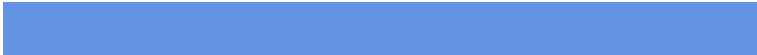
4288648255



4278232990

Rectangle

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



4284716003



4291000765



4288648255



4283409511

Sweetspot

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



4284716003



4292142335



4284736434



4284903552



4278190080



4286611584

Same Dimension

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



4284716003



4283601919



4285686755



4284968051



4278207411



4278194995

Inverse Universe

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



4293092243



4294922899



4292141923



4285753196



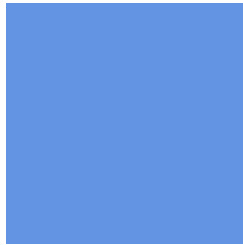
4289921091



4281532435

Previews

White Background



This preview shows how the Android color 4284716003 looks on a white background.

Color Contrast Check

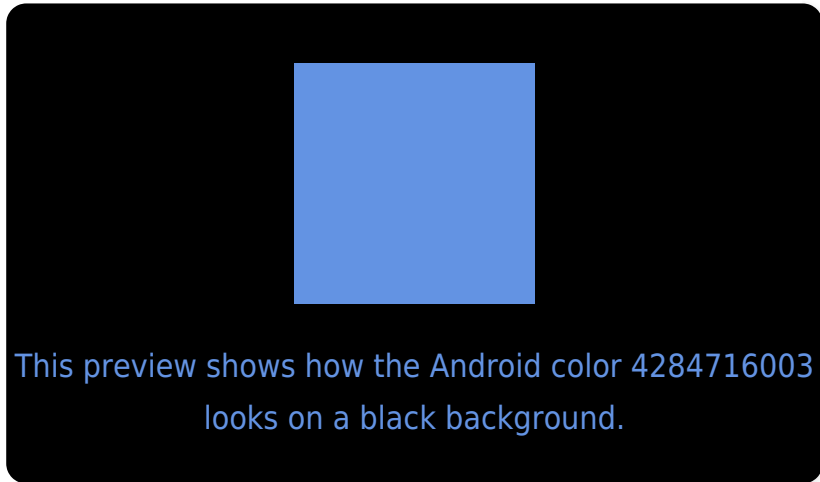
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 4284716003 Background



This preview shows how black text looks on a background with the Android color 4284716003.



This preview shows how white text looks on a background with the Android color 4284716003.

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
4284716003

Protanopia
4285894624

Deuteranopia
4285043427

Trichromacy



Original Color
4284716003

Protanomaly
4285436129

Deuteranomaly
4284912355

Tritanomaly
4283800255

Monochromacy



Original Color
4284716003

Achromatopsia
4287532686

Achromatomaly
4286484653

CSS Examples

Text

The CSS property to change the color of the text to Android 4284716003 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(99, 147, 227)` looks like.

```
.text, #text, p{  
    color:rgb(99, 147, 227)  
}
```

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(99, 147, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 147, 227) }
```

Border

The CSS property to change the border of an element to Android 4284716003 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(99, 147, 227) }
```

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

```
.border{ border-color:rgb(99, 147, 227) }
```

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

Here you see how a box with a 4 pixel rgb(99, 147, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 147, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 147, 227);  
box-shadow:4px 4px 4px 4px rgb(99, 147,  
227) }
```

Background

The CSS property to change the background color of an element to Android 4284716003 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 147, 227) }
```

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

```
.background{ background-color: rgb(99, 147,  
227) }
```

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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