

Converting Colors

Android(4283867618)

Have a look what the booklet for
Android(4283867618) contains.

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Color

Android(4283867618)

Conversions

Conversions Part 1

Format	Color
Hex	56A1E2
RGB	86, 161, 226
RGB Percent	34%, 63%, 89%
CMY	0.6627, 0.3686, 0.1137
CMYK	0.62, 0.29, 0.00, 0.11
HSL	208°, 71%, 61%
HSV	208°, 62%, 89%
XYZ	30.3101, 32.9592, 76.7157
YIQ	145.9850, -65.5650, 4.3150

Conversions

Conversions Part 2

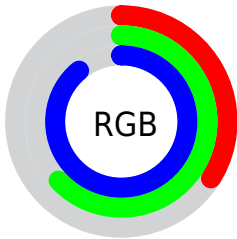
Format	Color
R _Y B	86, 135, 226
Decimal	5677538
CIE Lab	64.13, -3.78, -39.82
CIE LCh	64, 39.994, 264.581
Yxy	32.9592, 0.2165, 0.2354
Android (android.graphics.Color)	4283867618 (0xFF56A1E2)
YUV	145.9850, 39.4474, -52.6068
Hunter-Lab	57.4101, -6.2272, -39.0408

Details

The Android color `4283867618` is a light color, and the websafe version is hex `6699CC`. The color can be described as light muted azure. A complement of this color would be `4293039958`, and the grayscale version is `4287795858`.

A 20% lighter version of the original color is `4287879423`, and `4278218410` is the 20% darker color. If you saturate the color by 10%, you get `4282357730`, and if you desaturate by 10%, it is `4285377506`.

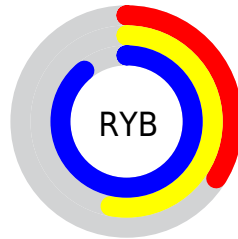
Distribution



Red (34%)

Green (63%)

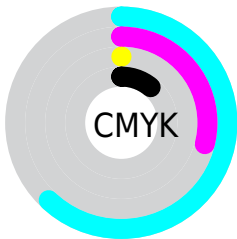
Blue (89%)



Red (34%)

Yellow (53%)

Blue (89%)

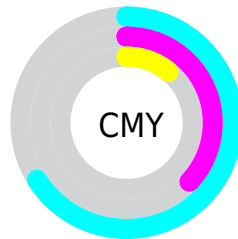


Cyan (62%)

Magenta (29%)

Yellow (0%)

Black (11%)



Cyan (66%)

Magenta (37%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283867618 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 4283867618 by changing the saturation by 10% instead.

 4283867618

 4283867618

4294967295


 4281632710

 4287879423

 4278218410

 4289787135

 4278212240

 4291756031

 4278206326

 4293722111

 4278200669

 4278195525

 4278190894

 4278190360

 4278190080

■ 4283867618

■ 4283867618

■ 4282357730

■ 4285377506

■ 4280913122

■ 4286822114

■ 4279403234

■ 4288332002

■ 4278221282

■ 4289776610

■ 4291286498

■ 4292796642

■ 4294240994

■ 4294964706

■ 4294967266

Harmonies

Analogous

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



4278233813



4283867618



4287993308

Triad

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



4283867618



4292903296



4285180529

Complementary

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



4283867618



4293039958

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.



4287930969



4283867618



4291988066

Square

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



4283867618



4292575139



4290287444



4281511571

Rectangle

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



4283867618



4290088142



4290287444



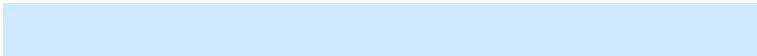
4286163047

Sweetspot

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



4283867618



4291815935



4283884181



4284641920



4278190080



4286611584

Same Dimension

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



4283867618



4282558463



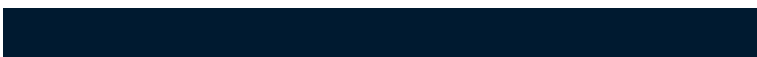
4283850210



4284836720



4278214320



4278196784

Inverse Universe

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



4293023393



4294918823



4293057366



4285556075



4289724510



4281335834

Previews

White Background



This preview shows how the Android color 4283867618 looks on a white background.

Color Contrast Check

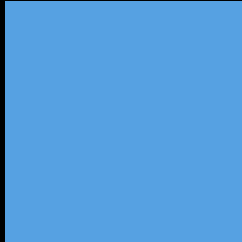
Large Text (above 18pt) WCAG AA × Fail

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 4283867618 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 4283867618 Background



This preview shows how black text looks on a background with the Android color 4283867618.



This preview shows how white text looks on a background with the Android color 4283867618.

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



Trichromacy



Original Color
4283867618

Protanomaly
4285897694

Deuteranomaly
4285439459

Tritanomaly
4283016903

Monochromacy



Original Color
4283867618

Achromatopsia
4287795858

Achromatomaly
4286355375

CSS Examples

Text

The CSS property to change the color of the text to Android 4283867618 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(86, 161, 226)` looks like.

```
.text, #text, p{  
    color:rgb(86, 161, 226)  
}
```

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(86, 161, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(86, 161, 226) }
```

Border

The CSS property to change the border of an element to Android 4283867618 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(86, 161, 226) }
```

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

```
.border{ border-color:rgb(86, 161, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(86, 161, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(86, 161, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(86, 161, 226);  
box-shadow:4px 4px 4px 4px rgb(86, 161,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4283867618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(86, 161, 226) }
```

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

```
.background{ background-color: rgb(86, 161,  
226) }
```

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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