

Converting Colors

Android(4284786120)

Have a look what the booklet for
Android(4284786120) contains.

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Color

Android(4284786120)

Conversions

Conversions Part 1

Format	Color
Hex	64A5C8
RGB	100, 165, 200
RGB Percent	39%, 65%, 78%
CMY	0.6078, 0.3529, 0.2157
CMYK	0.50, 0.17, 0.00, 0.22
HSL	201°, 48%, 59%
HSV	201°, 50%, 78%
XYZ	29.1360, 33.7897, 59.6300
YIQ	149.5550, -49.9750, -2.8950

Conversions

Conversions Part 2

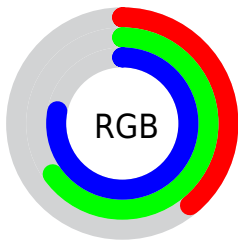
Format	Color
RYB	100, 139, 200
Decimal	6596040
CIELab	64.80, -11.12, -24.33
CIELCh	65, 26.751, 245.429
Yxy	33.7897, 0.2377, 0.2757
Android (android.graphics.Color)	4284786120 (0xFF64A5C8)
YUV	149.5550, 24.8694, -43.4597
Hunter-Lab	58.1289, -12.2560, -20.1308

Details

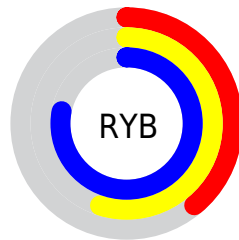
The Android color `4284786120` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4291331940`, and the grayscale version is `4287993237`.

A 20% lighter version of the original color is `4288470271`, and `4280906130` is the 20% darker color. If you saturate the color by 10%, you get `4283473608`, and if you desaturate by 10%, it is `4286098632`.

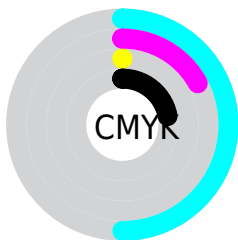
Distribution



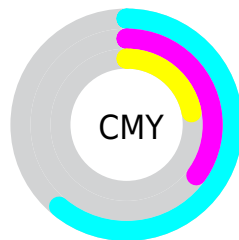
- Red (39%)
- Green (65%)
- Blue (78%)



- Red (39%)
- Yellow (55%)
- Blue (78%)



- Cyan (50%)
- Magenta (17%)
- Yellow (0%)
- Black (22%)



- Cyan (61%)
- Magenta (35%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284786120 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 4284786120 by changing the saturation by 10% instead.

 4284786120

 4284786120

4294967295

 4282944429

 4288470271

 4280906130

 4290378239

 4278212984

 4292280319

 4278206815

 4294180863

 4278201159

 4278196273

 4278190364

 4278190080

 4284786120

 4284786120

■ 4283473608

■ 4286098632

■ 4282161096

■ 4287411144

■ 4280848584

■ 4288723656

■ 4279536072

■ 4290036168

■ 4278223560

■ 4291348680

■ 4292661192

■ 4293973704

■ 4294958536

■ 4294960328

Harmonies

Analogous

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



4283673016



4284786120



4286947020

Triad

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



4284786120



4291595162



4287669366

Complementary

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



4284786120



4291331940

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.



4289371501



4284786120



4291530371

Square

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



4284786120



4290809522



4290745714



4285835657

Rectangle

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



4284786120



4288452808



4290745714



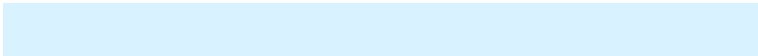
4288258674

Sweetspot

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



4284786120



4292473599



4284795015



4285101952



4278190080



4286611584

Same Dimension

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



4284786120



4284926463



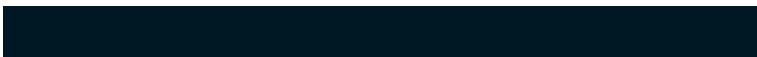
4284773832



4284112995



4278217379



4278196004

Inverse Universe

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



4291323045



4294928073



4291344740



4284701280



4288872554



4280549399

Previews

White Background



This preview shows how the Android color 4284786120 looks on a white background.

Color Contrast Check

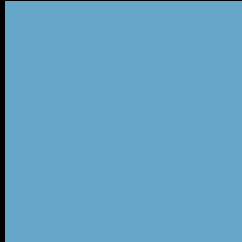
Large Text (above 18pt) WCAG AA × Fail

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 4284786120 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

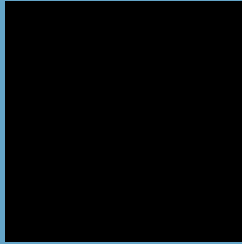
Any Text WCAG AA ✓ Pass

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 4284786120 Background



This preview shows how black text looks on a background with the Android color 4284786120.



This preview shows how white text looks on a background with the Android color 4284786120.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4284786120 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(100, 165, 200)` looks like.

```
.text, #text, p{  
    color:rgb(100, 165, 200)  
}
```

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(100, 165, 200) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 165, 200) }
```

Border

The CSS property to change the border of an element to Android 4284786120 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(100, 165, 200) }
```

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

```
.border{ border-color:rgb(100, 165, 200) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 165, 200)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 165, 200); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 165, 200);  
box-shadow:4px 4px 4px 4px rgb(100, 165,  
200) }
```

Background

The CSS property to change the background color of an element to Android 4284786120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 165, 200) }
```

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

```
.background{ background-color: rgb(100,  
165, 200) }
```

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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