

Converting Colors

Android(4284071640)

Have a look what the booklet for
Android(4284071640) contains.

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Color

Android(4284071640)

Conversions

Conversions Part 1

Format	Color
Hex	59BED8
RGB	89, 190, 216
RGB Percent	35%, 75%, 85%
CMY	0.6510, 0.2549, 0.1529
CMYK	0.59, 0.12, 0.00, 0.15
HSL	192°, 62%, 60%
HSV	192°, 59%, 85%
XYZ	34.9279, 43.9086, 71.6001
YIQ	162.7650, -68.5420, -13.3260

Conversions

Conversions Part 2

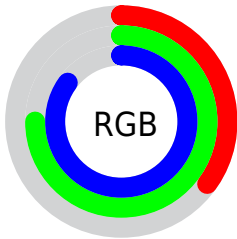
Format	Color
R_{YB}	89, 145, 216
Decimal	5881560
CIE _{Lab}	72.17, -21.90, -21.91
CIE _{LCh}	72, 30.973, 225.014
Yxy	43.9086, 0.2322, 0.2919
Android (android.graphics.Color)	4284071640 (0xFF59BED8)
YUV	162.7650, 26.2449, -64.6919
Hunter-Lab	66.2636, -21.8728, -17.6804

Details

The Android color `4284071640` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted azure. A complement of this color would be `4292375385`, and the grayscale version is `4288914339`.

A 20% lighter version of the original color is `4288018175`, and `4278225057` is the 20% darker color. If you saturate the color by 10%, you get `4282628824`, and if you desaturate by 10%, it is `4285514456`.

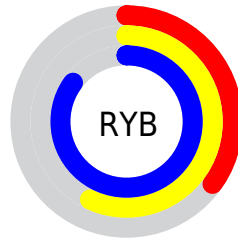
Distribution



Red (35%)

Green (75%)

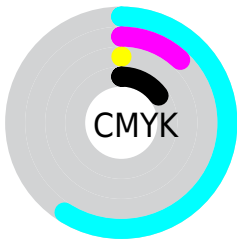
Blue (85%)



Red (35%)

Yellow (57%)

Blue (85%)

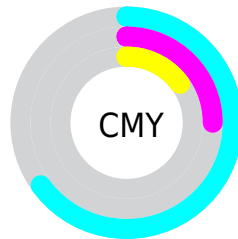


Cyan (59%)

Magenta (12%)

Yellow (0%)

Black (15%)



Cyan (65%)

Magenta (25%)


Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284071640 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 4284071640 by changing the saturation by 10% instead.

 4284071640

 4284071640

4294967295

 4281902012

 4288018175

 4278225057

 4289986559

 4278218631

 4291887103

 4278212206

 4293918719

 4278206293

 4278200382

 4278194216

 4278190354

 4278190080

■ 4284071640

■ 4284071640

■ 4282628824

■ 4285514456

■ 4281251288

■ 4286891992

■ 4279808472

■ 4288334808

■ 4278430936

■ 4289712344

■ 4278234328

■ 4291155160

■ 4292598232

■ 4293975512

■ 4294959576

■ 4294960856

Harmonies

Analogous

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



4284203455



4284071640



4286036199

Triad

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



4284071640



4292910528



4290163834

Complementary

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



4284071640



4292375385

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.



4291996283



4284071640



4293565604

Square

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



4284071640



4291274201



4293173642



4288134024

Rectangle

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



4284071640



4287869673



4293173642



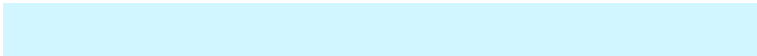
4290818424

Sweetspot

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



4284071640



4291950335



4284078194



4284709504



4278190080



4286611584

Same Dimension

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



4284071640



4283095807



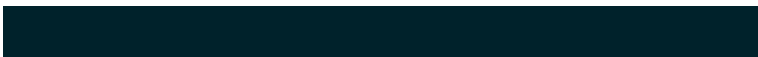
4284055512



4284508523



4278225067



4278198827

Inverse Universe

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



4292368830



4294920922



4292391513



4285227113



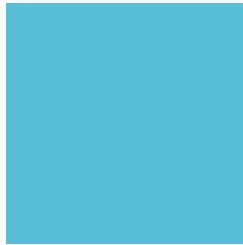
4289396872



4281008162

Previews

White Background



This preview shows how the Android color 4284071640 looks on a white background.

Color Contrast Check

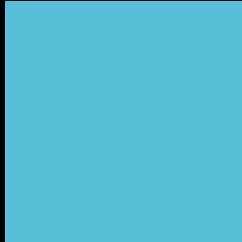
Large Text (above 18pt) WCAG AA × Fail

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 4284071640 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 4284071640 Background



This preview shows how black text looks on a background with the Android color 4284071640.



This preview shows how white text looks on a background with the Android color 4284071640.

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
4284071640



Protanomaly
4287476945



Deuteranomaly
4287476699



Tritanomaly
4283875282

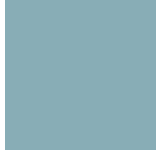
Monochromacy



Original Color
4284071640



Achromatopsia
4288914339



Achromatomaly
4287147446

CSS Examples

Text

The CSS property to change the color of the text to Android 4284071640 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, 190, 216)` looks like.

```
.text, #text, p{  
    color:rgb(89, 190, 216)  
}
```

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, 190, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(89, 190, 216) }
```

Border

The CSS property to change the border of an element to Android 4284071640 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, 190, 216) }
```

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

```
.border{ border-color:rgb(89, 190, 216) }
```

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

Here you see how a box with a 4 pixel `rgb(89, 190, 216)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(89, 190, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(89, 190, 216);  
box-shadow:4px 4px 4px 4px rgb(89, 190,  
216) }
```

Background

The CSS property to change the background color of an element to Android 4284071640 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(89, 190, 216) }
```

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

```
.background{ background-color: rgb(89, 190,  
216) }
```

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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