

Converting Colors

Android(4285711580)

Have a look what the booklet for
Android(4285711580) contains.

Android(4285711580)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4285711580)

Conversions

Conversions Part 1

Format	Color
Hex	72C4DC
RGB	114, 196, 220
RGB Percent	45%, 77%, 86%
CMY	0.5529, 0.2314, 0.1373
CMYK	0.48, 0.11, 0.00, 0.14
HSL	194°, 60%, 65%
HSV	194°, 48%, 86%
XYZ	39.5976, 48.2246, 74.9314
YIQ	174.2180, -56.5760, -9.9200

Conversions

Conversions Part 2

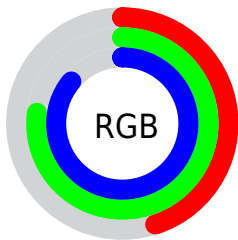
Format	Color
RYB	114, 160, 220
Decimal	7521500
CIELab	74.97, -18.66, -19.74
CIELCh	75, 27.163, 226.603
Yxy	48.2246, 0.2433, 0.2963
Android (android.graphics.Color)	4285711580 (0xFF72C4DC)
YUV	174.2180, 22.5705, -52.8112
Hunter-Lab	69.4439, -19.7443, -15.3644

Details

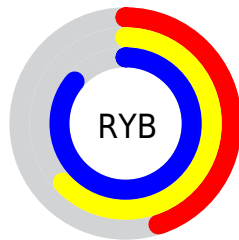
The Android color `4285711580` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4292643442`, and the grayscale version is `4289638062`.

A 20% lighter version of the original color is `4289461759`, and `4281765541` is the 20% darker color. If you saturate the color by 10%, you get `4284268508`, and if you desaturate by 10%, it is `4287154652`.

Distribution



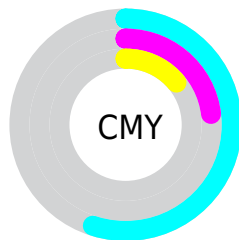
- Red (45%)
- Green (77%)
- Blue (86%)



- Red (45%)
- Yellow (63%)
- Blue (86%)



- Cyan (48%)
- Magenta (11%)
- Yellow (0%)
- Black (14%)



- Cyan (55%)
- Magenta (23%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Android color 4285711580 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 4285711580 by changing the saturation by 10% instead.

 4285711580

 4285711580

4294967295

 4283804096

 4289461759

 4281765541

 4291362815

 4278940811

 4293328895

 4278213745

 4278207577

 4278201665

 4278197035

 4278190358

 4278190080

■ 4285711580

■ 4285711580

■ 4284268508

■ 4287154652

■ 4282825436

■ 4288597724

■ 4281382364

■ 4290040796

■ 4279939292

■ 4291483868

■ 4278496220

■ 4292926940

■ 4278233820

■ 4294370012

■ 4294961116

■ 4294962396

■ 4294963676

Harmonies

Analogous

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



4285646790



4285711580



4287282921

Triad

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



4285711580



4293109957



4290558856

Complementary

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



4285711580



4292643442

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.



4292195208



4285711580



4293699499

Square

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



4285711580



4291669467



4293307285



4288725654

Rectangle

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



4285711580



4288788970



4293307285



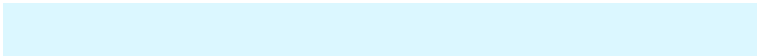
4291148167

Sweetspot

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



4285711580



4292605951



4285717641



4285168512



4278190080



4286611584

Same Dimension

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



4285711580



4285259519



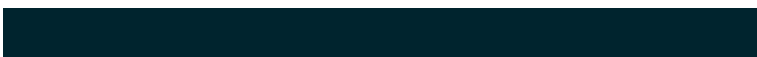
4285698268



4284705646



4278224557



4278199342

Inverse Universe

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



4292637380



4294929374



4292656754



4285424491



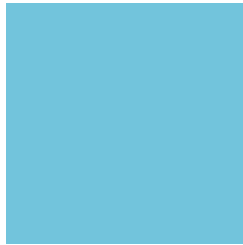
4289527942



4281204772

Previews

White Background



This preview shows how the Android color 4285711580 looks on a white background.

Color Contrast Check

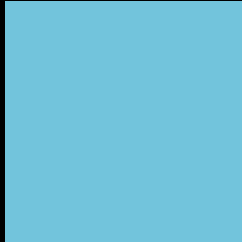
Large Text (above 18pt) WCAG AA × Fail

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 4285711580 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 4285711580 Background



This preview shows how black text looks on a background with the Android color 4285711580.



This preview shows how white text looks on a background with the Android color 4285711580.

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



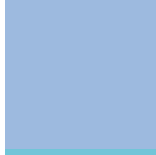
Trichromacy



Original Color
4285711580



Protanomaly
4288396246



Deuteranomaly
4288527071

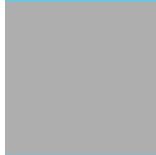


Tritanomaly
4285646296

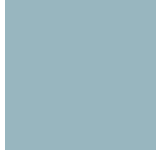
Monochromacy



Original Color
4285711580



Achromatopsia
4289638062



Achromatomaly
4288198335

CSS Examples

Text

The CSS property to change the color of the text to Android 4285711580 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(114, 196, 220)` looks like.

```
.text, #text, p{  
    color:rgb(114, 196, 220)  
}
```

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(114, 196, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(114, 196, 220) }
```

Border

The CSS property to change the border of an element to Android 4285711580 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(114, 196, 220) }
```

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

```
.border{ border-color:rgb(114, 196, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(114, 196, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(114, 196, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(114, 196, 220); box-shadow:4px 4px 4px 4px rgb(114, 196, 220) }
```

Background

The CSS property to change the background color of an element to Android 4285711580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(114, 196, 220) }
```

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

```
.background{ background-color: rgb(114,  
196, 220) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor