

Converting Colors

Android(4280648393)

Have a look what the booklet for
Android(4280648393) contains.

Android(4280648393)	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(4280648393)

Conversions

Conversions Part 1

Format	Color
Hex	2582C9
RGB	37, 130, 201
RGB Percent	15%, 51%, 79%
CMY	0.8549, 0.4902, 0.2118
CMYK	0.82, 0.35, 0.00, 0.21
HSL	206°, 69%, 47%
HSV	206°, 82%, 79%
XYZ	19.2882, 20.5756, 58.2132
YIQ	110.2870, -78.2190, 2.3650

Conversions

Conversions Part 2

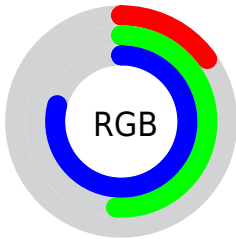
Format	Color
RYB	37, 96, 201
Decimal	2458313
CIELab	52.48, -1.36, -44.25
CIElCh	52, 44.273, 268.245
Yxy	20.5756, 0.1967, 0.2098
Android (android.graphics.Color)	4280648393 (0xFF2582C9)
YUV	110.2870, 44.7215, -64.2727
Hunter-Lab	45.3604, -3.4786, -44.3376

Details

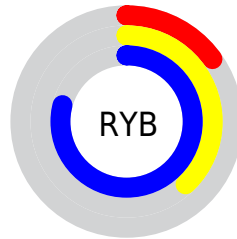
The Android color `4280648393` is a dark color, and the websafe version is hex `336699`. The color can be described as dark muted azure. A complement of this color would be `4291390501`, and the grayscale version is `4285427310`.

A 20% lighter version of the original color is `4285380607`, and `4278210962` is the 20% darker color. If you saturate the color by 10%, you get `4279335369`, and if you desaturate by 10%, it is `4281961417`.

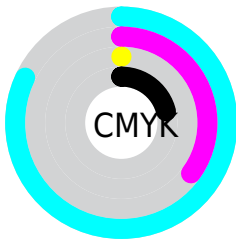
Distribution



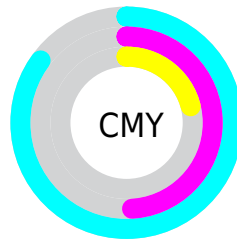
- Red (15%)
- Green (51%)
- Blue (79%)



- Red (15%)
- Yellow (38%)
- Blue (79%)



- Cyan (82%)
- Magenta (35%)
- Yellow (0%)
- Black (21%)



- Cyan (85%)
- Magenta (49%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280648393 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 4280648393 by changing the saturation by 10% instead.

 4280648393

 4280648393

4294967295

 4278217133

 4285380607

 4278210962

 4287419135

 4278205304

 4289392383

 4278199903

 4291362815

 4278194503

 4293328895

 4278191152

 4278190362

 4278190080

 4280648393

 4280648393

■ 4279335369

■ 4281961417

■ 4278219465

■ 4283274185

■ 4284587209

■ 4285900233

■ 4287278793

■ 4288591561

■ 4289904585

■ 4291217609

■ 4292530377

Harmonies

Analogous

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



4278225853



4280648393



4286280896

Triad

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



4280648393



4290928731



4282223956

Complementary

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



4280648393



4291390501

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.



4285498935



4280648393



4289883197

Square

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



4280648393



4290862209



4287986222



4278227066

Rectangle

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



4280648393



4288506544



4287986222



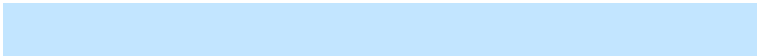
4283468616

Sweetspot

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



4280648393



4290962943



4280666473



4284182400



4278190080



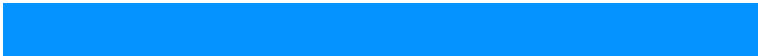
4286611584

Same Dimension

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



4280648393



4278555647



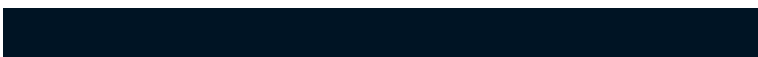
4280628169



4284112739



4278214051



4278195236

Inverse Universe

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



4291372418



4294903187



4291410725



4284701279



4288872541



4280549396

Previews

White Background



This preview shows how the Android color 4280648393 looks on a white background.

Color Contrast Check

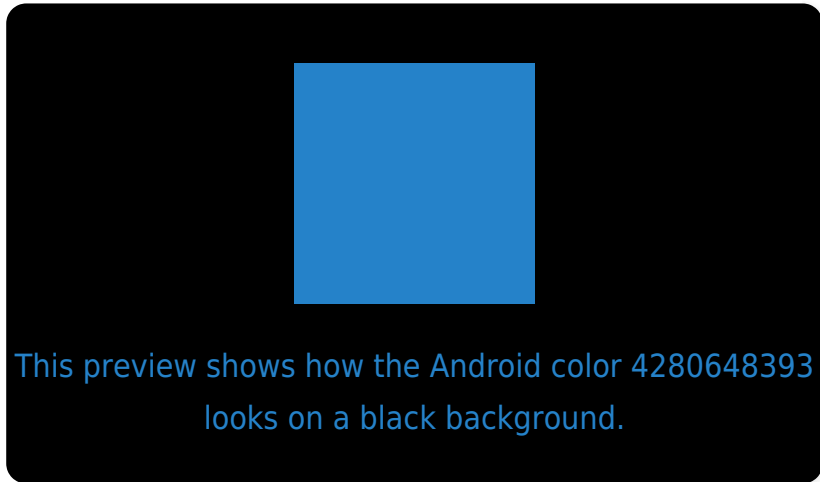
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280648393 Background



This preview shows how black text looks on a background with the Android color 4280648393.

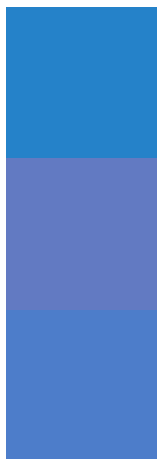


This preview shows how white text looks on a background with the Android color 4280648393.

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](#).

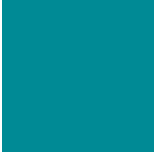
Dichromacy



Original Color
4280648393

Protanopia
4284644034

Deuteranopia
4283268554



Trichromacy



Original Color
4280648393

Protanomaly
4283203013

Deuteranomaly
4282286026

Tritanomaly
4279076776

Monochromacy



Original Color
4280648393

Achromatopsia
4285427310

Achromatomaly
4283659663

CSS Examples

Text

The CSS property to change the color of the text to Android 4280648393 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(37, 130, 201)` looks like.

```
.text, #text, p{  
    color:rgb(37, 130, 201)  
}
```

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(37, 130, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 130, 201) }
```

Border

The CSS property to change the border of an element to Android 4280648393 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(37, 130, 201) }
```

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

```
.border{ border-color:rgb(37, 130, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 130, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 130, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 130, 201);  
box-shadow:4px 4px 4px 4px rgb(37, 130,  
201) }
```

Background

The CSS property to change the background color of an element to Android 4280648393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 130, 201) }
```

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

```
.background{ background-color: rgb(37, 130,  
201) }
```

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