

Converting Colors

Android(4280313058)

Have a look what the booklet for
Android(4280313058) contains.

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Color

Android(4280313058)

Conversions

Conversions Part 1

Format	Color
Hex	2064E2
RGB	32, 100, 226
RGB Percent	13%, 39%, 89%
CMY	0.8745, 0.6078, 0.1137
CMYK	0.86, 0.56, 0.00, 0.11
HSL	219°, 77%, 51%
HSV	219°, 86%, 89%
XYZ	18.8803, 14.9124, 73.8348
YIQ	94.0320, -80.9740, 24.7700

Conversions

Conversions Part 2

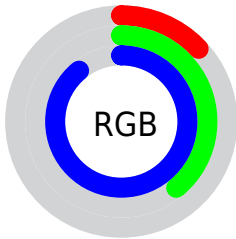
Format	Color
R _Y B	32, 82, 226
Decimal	2122978
CIE Lab	45.51, 26.59, -69.65
CIE LCh	46, 74.555, 290.896
Yxy	14.9124, 0.1754, 0.1386
Android (android.graphics.Color)	4280313058 (0xFF2064E2)
YUV	94.0320, 65.0602, -54.4021
Hunter-Lab	38.6166, 19.6927, -86.3307

Details

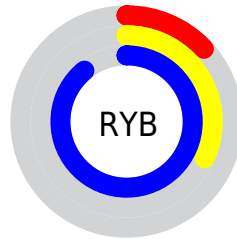
The Android color `4280313058` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4293041696`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285634303`, and `4278204330` is the 20% darker color. If you saturate the color by 10%, you get `4278801890`, and if you desaturate by 10%, it is `4281824226`.

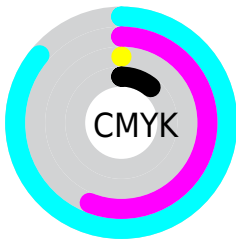
Distribution



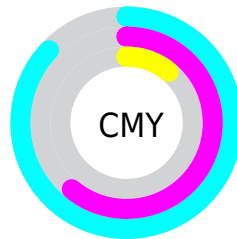
- Red (13%)
- Green (39%)
- Blue (89%)



- Red (13%)
- Yellow (32%)
- Blue (89%)



- Cyan (86%)
- Magenta (56%)
- Yellow (0%)
- Black (11%)



- Cyan (87%)
- Magenta (61%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280313058 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 4280313058 by changing the saturation by 10% instead.

 4280313058

 4280313058

4294967295

 4278209989

 4285634303

 4278204330

 4287803903

 4278199182

 4289842431

 4278194548

 4291881215

 4278192218

 4293918719

 4278191938

 4278190891

 4278190357

 4278190080

■ 4280313058

■ 4280313058

■ 4278801890

■ 4281824226

■ 4278210530

■ 4283269602

■ 4284780770

■ 4286226402

■ 4287737314

■ 4289248482

■ 4290694114

■ 4292205026

■ 4293650658

Harmonies

Analogous

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



4278221289



4280313058



4288757948

Triad

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



4280313058



4290659072



4278224214

Complementary

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



4280313058



4293041696

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.



4278222858



4280313058



4287848960

Square

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



4280313058



4292088388



4284118528



4278224535

Rectangle

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



4280313058



4291043222



4284118528



4278223680

Sweetspot

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



4280313058



4290630911



4280345243



4283983488



4278190080



4286611584

Same Dimension

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



4280313058



4278213119



4281999586



4284836208



4278206128



4278194480

Inverse Universe

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



4293009508



4294901849



4291355168



4285556073



4289724478



4281335825

Previews

White Background



This preview shows how the Android color 4280313058 looks on a white 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

Black Background



This preview shows how the Android color 4280313058 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

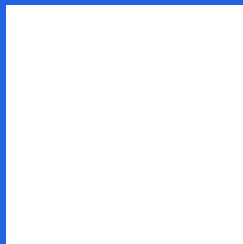
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280313058 Background



This preview shows how black text looks on a background with the Android color 4280313058.



This preview shows how white text looks on a background with the Android color 4280313058.

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

4280313058

Protanopia

4278216667

Deuteranopia

4278218429

Trichromacy



Original Color
4280313058

Protanomaly
4279002846

Deuteranomaly
4279003850

Tritanomaly
4279005346

Monochromacy



Original Color
4280313058

Achromatopsia
4284374622

Achromatomaly
4282867854

CSS Examples

Text

The CSS property to change the color of the text to Android 4280313058 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(32, 100, 226)` looks like.

```
.text, #text, p{  
    color:rgb(32, 100, 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(32, 100, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 100, 226) }
```

Border

The CSS property to change the border of an element to Android 4280313058 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(32, 100, 226) }
```

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

```
.border{ border-color:rgb(32, 100, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(32, 100, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 100, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 100, 226);  
box-shadow:4px 4px 4px 4px rgb(32, 100,  
226) }
```

Background

The CSS property to change the background color of an element to Android 4280313058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 100, 226) }
```

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

```
.background{ background-color: rgb(32, 100,  
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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