

Converting Colors

Android(4280194006)

Have a look what the booklet for
Android(4280194006) contains.

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Color

Android(4280194006)

Conversions

Conversions Part 1

Format	Color
Hex	1E93D6
RGB	30, 147, 214
RGB Percent	12%, 58%, 84%
CMY	0.8824, 0.4235, 0.1608
CMYK	0.86, 0.31, 0.00, 0.16
HSL	202°, 75%, 48%
HSV	202°, 86%, 84%
XYZ	23.1067, 25.9985, 67.4187
YIQ	119.6550, -91.2390, -3.9670

Conversions

Conversions Part 2

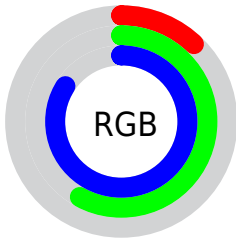
Format	Color
R_{YB}	30, 102, 214
Decimal	2003926
CIE _{Lab}	58.04, -7.06, -42.82
CIE _{LCh}	58, 43.396, 260.637
Yxy	25.9985, 0.1983, 0.2231
Android (android.graphics.Color)	4280194006 (0xFF1E93D6)
YUV	119.6550, 46.5121, -78.6274
Hunter-Lab	50.9887, -8.3388, -42.7028

Details

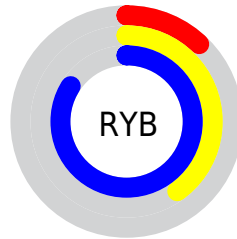
The Android color `4280194006` is a dark color, and the websafe version is hex `3399CC`. The color can be described as dark washed azure. A complement of this color would be `4292239646`, and the grayscale version is `4286019447`.

A 20% lighter version of the original color is `4285385215`, and `4278215071` is the 20% darker color. If you saturate the color by 10%, you get `4278815702`, and if you desaturate by 10%, it is `4281572310`.

Distribution



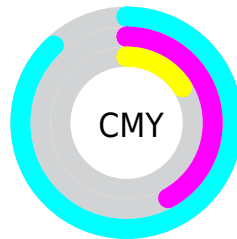
- Red (12%)
- Green (58%)
- Blue (84%)



- Red (12%)
- Yellow (40%)
- Blue (84%)



- Cyan (86%)
- Magenta (31%)
- Yellow (0%)
- Black (16%)



- Cyan (88%)
- Magenta (42%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280194006 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 4280194006 by changing the saturation by 10% instead.

 4280194006

 4280194006

4294967295

 4278221242

 4285385215

 4278215071

 4287489535

 4278208900

 4289527807

 4278203243

 4291493887

 4278198098

 4293525503

 4278191675

 4278190628

 4278190092

 4278190080

■ 4280194006

■ 4280194006

■ 4278815702

■ 4281572310

■ 4278225110

■ 4283016150

■ 4284394198

■ 4285838038

■ 4287216342

■ 4288594646

■ 4290038486

■ 4291416534

■ 4292860374

Harmonies

Analogous

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



4278229957



4280194006



4286285523

Triad

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



4280194006



4292046195



4284258906

Complementary

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



4280194006



4292239646

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.



4287140162



4280194006



4291262290

Square

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



4280194006



4291587481



4289496383



4278492798

Rectangle

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



4280194006



4288707781



4289496383



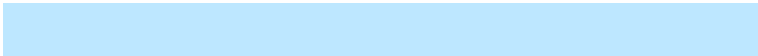
4285306704

Sweetspot

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



4280194006



4290635775



4280211038



4283986304



4278190080



4286611584

Same Dimension

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



4280194006



4278231807



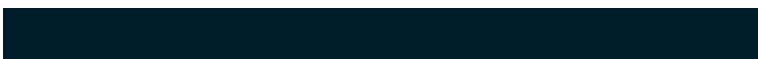
4280171222



4284508011



4278218155



4278197291

Inverse Universe

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



4292222611



4294901922



4292262430



4285227111



4289396845



4281008156

Previews

White Background



This preview shows how the Android color 4280194006 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



This preview shows how the Android color 4280194006 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 × Fail

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

Android 4280194006 Background



This preview shows how black text looks on a background with the Android color 4280194006.



This preview shows how white text looks on a background with the Android color 4280194006.

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

4280194006



Protanomaly

4283731152



Deuteranomaly

4283010519



Tritanomaly

4278949815

Monochromacy



Original Color

4280194006



Achromatopsia

4286085240



Achromatomaly

4283925146

CSS Examples

Text

The CSS property to change the color of the text to Android 4280194006 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(30, 147, 214)` looks like.

```
.text, #text, p{  
    color:rgb(30, 147, 214)  
}
```

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(30, 147, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 147, 214) }
```

Border

The CSS property to change the border of an element to Android 4280194006 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(30, 147, 214) }
```

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

```
.border{ border-color:rgb(30, 147, 214) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 147, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 147, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 147, 214);  
box-shadow:4px 4px 4px 4px rgb(30, 147,  
214) }
```

Background

The CSS property to change the background color of an element to Android 4280194006 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 147, 214) }
```

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

```
.background{ background-color: rgb(30, 147,  
214) }
```

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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