

Converting Colors

Android(4280460516)

Have a look what the booklet for
Android(4280460516) contains.

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Color

Android(4280460516)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 22A4E4 |
| RGB | 34, 164, 228 |
| RGB Percent | 13%, 64%, 89% |
| CMY | 0.8667, 0.3569, 0.1059 |
| CMYK | 0.85, 0.28, 0.00, 0.11 |
| HSL | 200°, 78%, 51% |
| HSV | 200°, 85%, 89% |
| XYZ | 27.9387, 32.4924, 78.1979 |
| YIQ | 132.4260, -98.0240, -7.6560 |

Conversions

Conversions Part 2

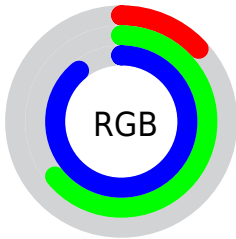
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 34, 112, 228 |
| Decimal | 2270436 |
| CIE _{Lab} | 63.75, -11.29, -41.61 |
| CIE _{LCh} | 64, 43.114, 254.818 |
| Yxy | 32.4924, 0.2015, 0.2344 |
| Android (android.graphics.Color) | 4280460516 (0xFF22A4E4) |
| YUV | 132.4260, 47.1180, -86.3196 |
| Hunter-Lab | 57.0021, -12.2647, -41.4350 |

Details

The Android color `4280460516` is a dark color, and the websafe version is hex `3399CC`. The color can be described as middle washed azure. A complement of this color would be `4293157410`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4285717503`, and `4278218924` is the 20% darker color. If you saturate the color by 10%, you get `4278951140`, and if you desaturate by 10%, it is `4281969892`.

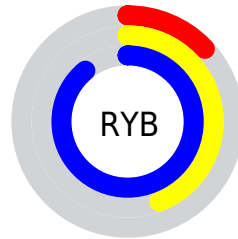
Distribution



Red (13%)

Green (64%)

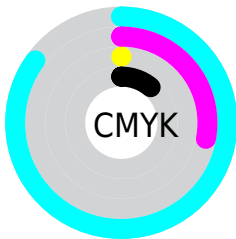
Blue (89%)



Red (13%)

Yellow (44%)

Blue (89%)

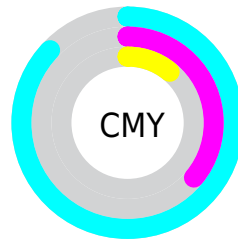


Cyan (85%)

Magenta (28%)

Yellow (0%)

Black (11%)



Cyan (87%)

Magenta (36%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280460516 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 4280460516 by changing the saturation by 10% instead.

 4280460516

 4280460516

4294967295

 4278225608

 4285717503


 4278218924

 4287887359

 4278212753

 4289921023

 4278206839

 4291952639

 4278201182

 4293984255

 4278196294

 4278191151

 4278190362

 4278190080

■ 4280460516

■ 4280460516

■ 4278951140

■ 4281969892

■ 4278229476

■ 4283479012

■ 4284922852

■ 4286431972

■ 4287941348

■ 4289450468

■ 4290959844

■ 4292403428

■ 4293912804

Harmonies

Analogous

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



4278234320



4280460516



4286486757

Triad

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



4280460516



4293163913



4285835362

Complementary

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



4280460516



4293157410

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.



4288650830



4280460516



4292576358

Square

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



4280460516



4292378032



4291006800



4282101125

Rectangle

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



4280460516



4289105626



4291006800



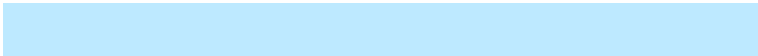
4286883161

Sweetspot

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



4280460516



4290636287



4280476767



4283986560



4278190080



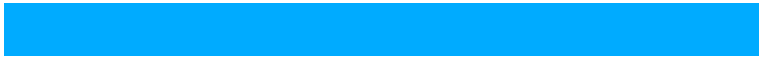
4286611584

Same Dimension

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



4280460516



4278234111



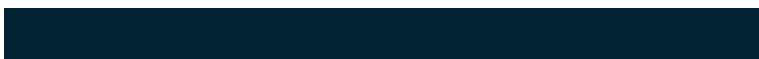
4280436452



4284968819



4278220979



4278198835

Inverse Universe

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



4293141156



4294901931



4293181474



4285753199



4289921144



4281532450

Previews

White Background



This preview shows how the Android color 4280460516 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 4280460516 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

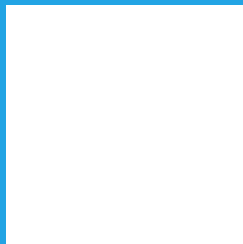
Any Text WCAG AAA ✓ Pass

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

Android 4280460516 Background



This preview shows how black text looks on a background with the Android color 4280460516.



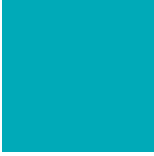
This preview shows how white text looks on a background with the Android color 4280460516.

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



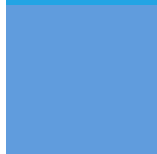


Trichromacy



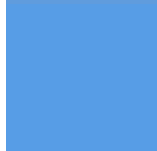
Original Color

4280460516



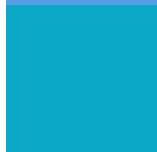
Protanomaly

4284521693



Deuteranomaly

4283932134



Tritanomaly

4279019720

Monochromacy



Original Color

4280460516



Achromatopsia

4286874756



Achromatomaly

4284518567

CSS Examples

Text

The CSS property to change the color of the text to Android 4280460516 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(34, 164, 228)` looks like.

```
.text, #text, p{  
    color:rgb(34, 164, 228)  
}
```

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(34, 164, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 164, 228) }
```

Border

The CSS property to change the border of an element to Android 4280460516 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(34, 164, 228) }
```

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

```
.border{ border-color:rgb(34, 164, 228) }
```

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

Here you see how a box with a 4 pixel rgb(34, 164, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 164, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 164, 228);  
box-shadow:4px 4px 4px 4px rgb(34, 164,  
228) }
```

Background

The CSS property to change the background color of an element to Android 4280460516 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 164, 228) }
```

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

```
.background{ background-color: rgb(34, 164,  
228) }
```

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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