

Converting Colors

Android(4280706796)

Have a look what the booklet for
Android(4280706796) contains.

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Color

Android(4280706796)

Conversions

Conversions Part 1

Format	Color
Hex	2666EC
RGB	38, 102, 236
RGB Percent	15%, 40%, 93%
CMY	0.8510, 0.6000, 0.0745
CMYK	0.84, 0.57, 0.00, 0.07
HSL	221°, 84%, 54%
HSV	221°, 84%, 93%
XYZ	20.6910, 15.9709, 81.3490
YIQ	98.1400, -81.1580, 28.1060

Conversions

Conversions Part 2

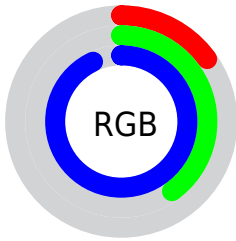
Format	Color
R _Y B	38, 86, 236
Decimal	2516716
CIE Lab	46.94, 29.50, -72.97
CIE LCh	47, 78.708, 292.016
Yxy	15.9709, 0.1753, 0.1353
Android (android.graphics.Color)	4280706796 (0xFF2666EC)
YUV	98.1400, 67.9650, -52.7428
Hunter-Lab	39.9637, 22.4812, -92.7147

Details

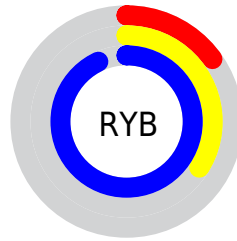
The Android color `4280706796` is a dark color, and the websafe version is hex `0066FF`. The color can be described as dark washed azure. A complement of this color would be `4293700646`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4285962495`, and `4278204851` is the 20% darker color. If you saturate the color by 10%, you get `4279129836`, and if you desaturate by 10%, it is `4282283756`.

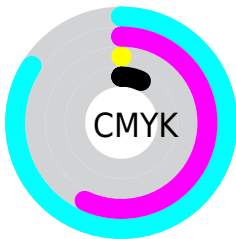
Distribution



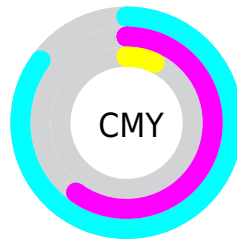
- Red (15%)
- Green (40%)
- Blue (93%)



- Red (15%)
- Yellow (34%)
- Blue (93%)



- Cyan (84%)
- Magenta (57%)
- Yellow (0%)
- Black (7%)



- Cyan (85%)
- Magenta (60%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280706796 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 4280706796 by changing the saturation by 10% instead.

 4280706796

 4280706796

4294967295

 4278210511

 4285962495

 4278204851

 4288132095

 4278199704

 4290236159

 4278195325

 4292274943

 4278190947

 4294311935

 4278192458

 4278191154

 4278190620

 4278190080

■ 4280706796

■ 4280706796

■ 4279129836

■ 4282283756

■ 4278209772

■ 4283795180

■ 4285372140

■ 4286883564

■ 4288460524

■ 4290037484

■ 4291548908

■ 4293125868

■ 4294637292

Harmonies

Analogous

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



4278222324



4280706796



4289347266

Triad

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



4280706796



4291052800



4278225243

Complementary

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



4280706796



4293700646

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.



4278224136



4280706796



4288112128

Square

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



4280706796



4292675139



4284054016



4278225823

Rectangle

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



4280706796



4291696026



4284054016



4278224963

Sweetspot

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



4280706796



4290761983



4280741034



4284049024



4278190080



4286611584

Same Dimension

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



4280706796



4278211327



4282853100



4285164917



4278205365



4278194486

Inverse Universe

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



4293666406



4294901842



4291554342



4285885037



4290052155



4281729041

Previews

White Background



This preview shows how the Android color 4280706796 looks on a white background.

Color Contrast Check

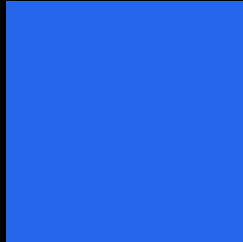
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280706796 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 4280706796 Background



This preview shows how black text looks on a background with the Android color 4280706796.



This preview shows how white text looks on a background with the Android color 4280706796.

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

4280706796

Protanopia

4278217442

Deuteranopia

4278219202

Trichromacy



Original Color
4280706796

Protanomaly
4279134694

Deuteranomaly
4279135697

Tritanomaly
4279137193

Monochromacy



Original Color
4280706796

Achromatopsia
4284637794

Achromatomaly
4283196308

CSS Examples

Text

The CSS property to change the color of the text to Android 4280706796 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(38, 102, 236)` looks like.

```
.text, #text, p{  
    color:rgb(38, 102, 236)  
}
```

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(38, 102, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 102, 236) }
```

Border

The CSS property to change the border of an element to Android 4280706796 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(38, 102, 236) }
```

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

```
.border{ border-color:rgb(38, 102, 236) }
```

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

Here you see how a box with a 4 pixel rgb(38, 102, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 102, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 102, 236);  
box-shadow:4px 4px 4px 4px rgb(38, 102,  
236) }
```

Background

The CSS property to change the background color of an element to Android 4280706796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 102, 236) }
```

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

```
.background{ background-color: rgb(38, 102,  
236) }
```

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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