

Converting Colors

Android(4280506744)

Have a look what the booklet for
Android(4280506744) contains.

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Color

Android(4280506744)

Conversions

Conversions Part 1

Format	Color
Hex	235978
RGB	35, 89, 120
RGB Percent	14%, 35%, 47%
CMY	0.8627, 0.6510, 0.5294
CMYK	0.71, 0.26, 0.00, 0.53
HSL	202°, 55%, 30%
HSV	202°, 71%, 47%
XYZ	7.6557, 8.8581, 19.0756
YIQ	76.3880, -42.1350, -1.8070

Conversions

Conversions Part 2

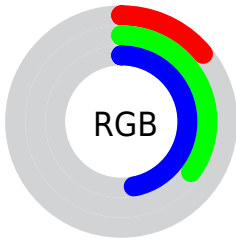
Format	Color
R_{YB}	35, 68, 120
Decimal	2316664
CIE _{Lab}	35.71, -6.95, -22.76
CIE _{LCh}	36, 23.794, 253.007
Yxy	8.8581, 0.2151, 0.2489
Android (android.graphics.Color)	4280506744 (0xFF235978)
YUV	76.3880, 21.5007, -36.2973
Hunter-Lab	29.7626, -6.1701, -17.1665

Details

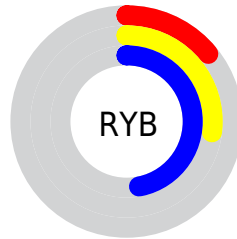
The Android color `4280506744` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286071331`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4284189612`, and `4278201415` is the 20% darker color. If you saturate the color by 10%, you get `4279719288`, and if you desaturate by 10%, it is `4281294200`.

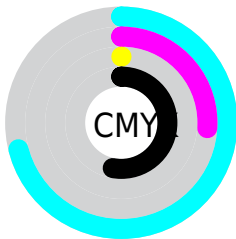
Distribution



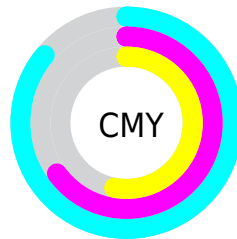
- Red (14%)
- Green (35%)
- Blue (47%)



- Red (14%)
- Yellow (27%)
- Blue (47%)



- Cyan (71%)
- Magenta (26%)
- Yellow (0%)
- Black (53%)



- Cyan (86%)
- Magenta (65%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280506744 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 4280506744 by changing the saturation by 10% instead.



4280506744



4280506744

4294967295



4278207071



4284189612



4278201415



4285900232



4278196273



4287742180



4278190364



4289518847



4278190080



4291426815



4293328895



4280506744



4280506744



4279719288



4281294200

■ 4278931576

■ 4282081912

■ 4278209656

■ 4282869368

■ 4283657080

■ 4284444536

■ 4285231992

■ 4286019704

■ 4286807160

■ 4287594616

Harmonies

Analogous

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



4278213997



4280506744



4282798969

Triad

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



4280506744



4286137676



4282604087

Complementary

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



4280506744



4286071331

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.



4283979310



4280506744



4285876539

Square

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



4280506744



4285679200



4285157168



4281032008

Rectangle

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



4280506744



4284042868



4285157168



4283062579

Sweetspot

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



4280506744



4286288028



4280514625



4282075215



4291809231



4283387727

Same Dimension

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



4280506744



4279724956



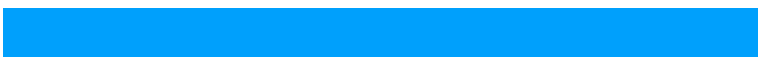
4280496248



4281809725



4278210429



4278231292

Inverse Universe

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



4286063449



4288419691



4286081827



4282201915



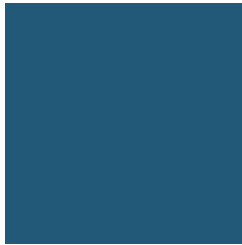
4286382159



4294705312

Previews

White Background



This preview shows how the Android color 4280506744 looks on a white background.

Color Contrast Check

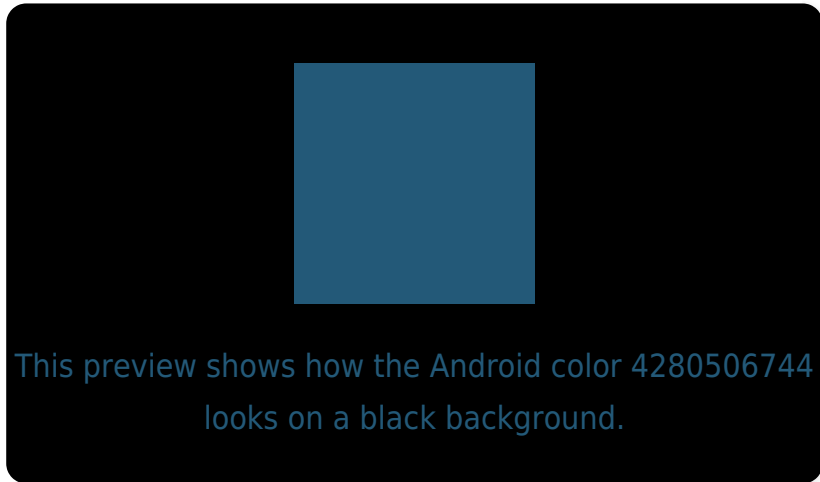
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

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

Android 4280506744 Background



This preview shows how black text looks on a background with the Android color 4280506744.

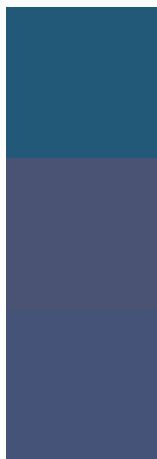


This preview shows how white text looks on a background with the Android color 4280506744.

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
4280506744

Protanopia
4283061107

Deuteranopia
4282733433

Trichromacy



Original Color

4280506744

Protanomaly

4282144117

Deuteranomaly

4281947513

Tritanomaly

4279852139

Monochromacy



Original Color

4280506744

Achromatopsia

4283190348

Achromatomaly

4282208604

CSS Examples

Text

The CSS property to change the color of the text to Android 4280506744 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(35, 89, 120)` looks like.

```
.text, #text, p{  
    color:rgb(35, 89, 120)  
}
```

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(35, 89, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 89, 120) }
```

Border

The CSS property to change the border of an element to Android 4280506744 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(35, 89, 120) }
```

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

```
.border{ border-color:rgb(35, 89, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 89, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 89, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 89, 120);  
box-shadow:4px 4px 4px 4px rgb(35, 89,  
120) }
```

Background

The CSS property to change the background color of an element to Android 4280506744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 89, 120) }
```

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

```
.background{ background-color: rgb(35, 89,  
120) }
```

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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