

Converting Colors

Android(4280182678)

Have a look what the booklet for
Android(4280182678) contains.

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Color

Android(4280182678)

Conversions

Conversions Part 1

Format	Color
Hex	1E6796
RGB	30, 103, 150
RGB Percent	12%, 40%, 59%
CMY	0.8824, 0.5961, 0.4118
CMYK	0.80, 0.31, 0.00, 0.41
HSL	204°, 67%, 35%
HSV	204°, 80%, 59%
XYZ	10.8907, 12.1785, 30.6309
YIQ	86.5310, -58.5950, -0.8590

Conversions

Conversions Part 2

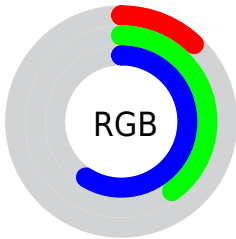
Format	Color
R_{YB}	30, 75, 150
Decimal	1992598
CIE _{Lab}	41.50, -4.99, -31.91
CIE _{LCh}	41, 32.300, 261.120
Yxy	12.1785, 0.2028, 0.2268
Android (android.graphics.Color)	4280182678 (0xFF1E6796)
YUV	86.5310, 31.2902, -49.5777
Hunter-Lab	34.8977, -5.3658, -27.6123

Details

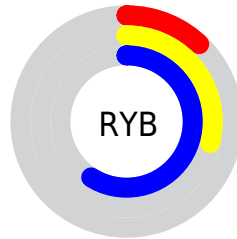
The Android color `4280182678` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288040222`, and the grayscale version is `4283848278`.

A 20% lighter version of the original color is `4284390092`, and `4278204515` is the 20% darker color. If you saturate the color by 10%, you get `4279198102`, and if you desaturate by 10%, it is `4281167254`.

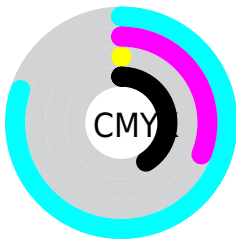
Distribution



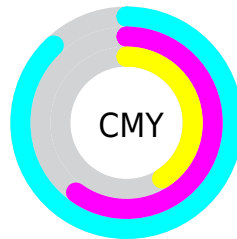
- Red (12%)
- Green (40%)
- Blue (59%)



- Red (12%)
- Yellow (29%)
- Blue (59%)



- Cyan (80%)
- Magenta (31%)
- Yellow (0%)
- Black (41%)



- Cyan (88%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280182678 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 4280182678 by changing the saturation by 10% instead.

■ 4280182678

■ 4280182678

4294967295

■ 4278210428

■ 4284390092

■ 4278204515

■ 4286232041

■ 4278199115

■ 4288139519

■ 4278193460

■ 4290047231

■ 4278190622

■ 4291952639

■ 4278190080

■ 4293853183

■ 4280182678

■ 4280182678

■ 4279198102

■ 4281167254

■ 4278213526

■ 4282151830

■ 4283136406

■ 4284120982

■ 4285105302

■ 4286089878

■ 4287074454

■ 4288059030

■ 4289043606

Harmonies

Analogous

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



4278218123



4280182678



4283981459

Triad

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



4280182678



4287909200



4282412095

Complementary

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



4280182678



4288040222

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.



4284442159



4280182678



4287321145

Square

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



4280182678



4287581547



4286144044



4279136089

Rectangle

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



4280182678



4285618058



4286144044



4283132473

Sweetspot

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



4280182678



4287869122



4280194636



4282734177



4292927712



4284572001

Same Dimension

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



4280182678



4278745538



4280167574



4282599242



4278211722



4278191626

Inverse Universe

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



4288028263



4290906233



4288055326



4283056967



4287234132



4278845446

Previews

White Background



This preview shows how the Android color 4280182678 looks on a white background.

Color Contrast Check

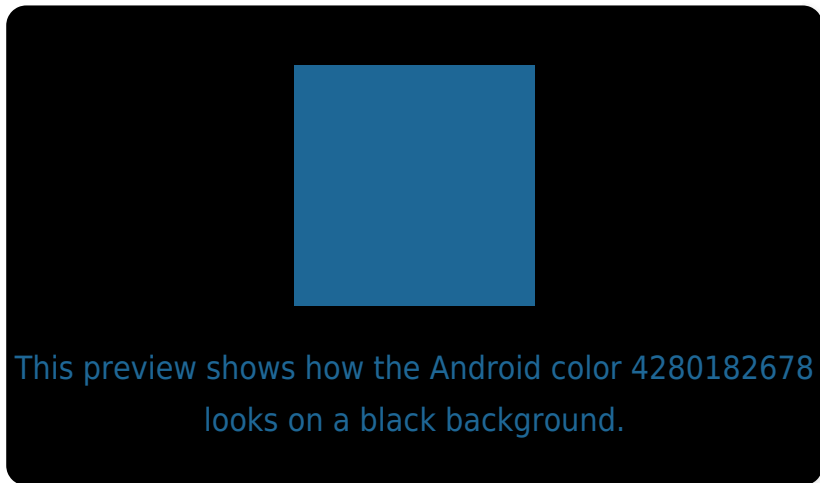
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



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 4280182678 Background



This preview shows how black text looks on a background with the Android color 4280182678.

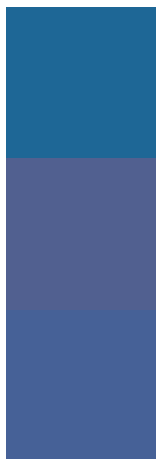


This preview shows how white text looks on a background with the Android color 4280182678.

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
4280182678

Protanopia
4283523216

Deuteranopia
4282802583

Trichromacy



Original Color
4280182678

Protanomaly
4282278802

Deuteranomaly
4281820055

Tritanomaly
4278938241

Monochromacy



Original Color
4280182678

Achromatopsia
4283914071

Achromatomaly
4282539374

CSS Examples

Text

The CSS property to change the color of the text to Android 4280182678 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, 103, 150)` looks like.

```
.text, #text, p{  
    color:rgb(30, 103, 150)  
}
```

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, 103, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 103, 150) }
```

Border

The CSS property to change the border of an element to Android 4280182678 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, 103, 150) }
```

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

```
.border{ border-color:rgb(30, 103, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 103, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 103, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 103, 150);  
box-shadow:4px 4px 4px 4px rgb(30, 103,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4280182678 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 103, 150) }
```

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

```
.background{ background-color: rgb(30, 103,  
150) }
```

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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