

Converting Colors

Android(4278215824)

Have a look what the booklet for
Android(4278215824) contains.

Android(4278215824)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4278215824)

Conversions

Conversions Part 1

Format	Color
Hex	006490
RGB	0, 100, 144
RGB Percent	0%, 39%, 56%
CMY	1.0000, 0.6078, 0.4353
CMYK	1.00, 0.31, 0.00, 0.44
HSL	198°, 100%, 28%
HSV	198°, 100%, 56%
XYZ	9.5912, 11.1280, 28.0280
YIQ	75.1160, -73.7240, -7.5160

Conversions

Conversions Part 2

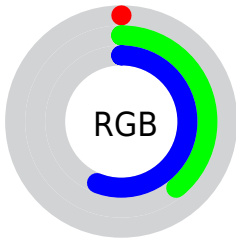
Format	Color
RYB	0, 59, 144
Decimal	25744
CIELab	39.80, -7.71, -31.03
CIELCh	40, 31.972, 256.036
Yxy	11.1280, 0.1968, 0.2283
Android (android.graphics.Color)	4278215824 (0xFF006490)
YUV	75.1160, 33.9598, -65.8767
Hunter-Lab	33.3586, -7.0555, -26.4646

Details

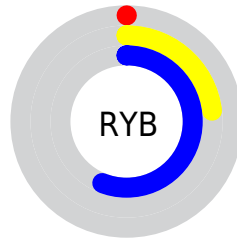
The Android color `4278215824` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287638528`, and the grayscale version is `4283124555`.

A 20% lighter version of the original color is `4283602886`, and `4278203997` is the 20% darker color. If you saturate the color by 10%, you get `4278215824`, and if you desaturate by 10%, it is `4279134352`.

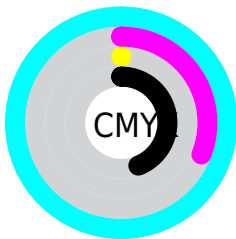
Distribution



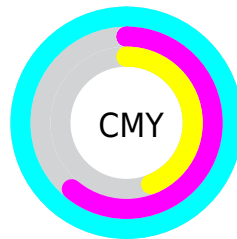
- Red (0%)
- Green (39%)
- Blue (56%)



- Red (0%)
- Yellow (23%)
- Blue (56%)



- Cyan (100%)
- Magenta (31%)
- Yellow (0%)
- Black (44%)



- Cyan (100%)
- Magenta (61%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278215824 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 4278215824 by changing the saturation by 10% instead.

 4278215824

 4278215824

4294967295

 4278209654

 4283602886

 4278203997

 4285510114


 4278198597

 4287417855

 4278191151

 4289260031

 4278190361

 4291231743

 4278190080

 4293132287

 4278215824

 4279134352

■ 4280118672

■ 4281037200

■ 4282021520

■ 4282940048

■ 4283858576

■ 4284842896

■ 4285761424

■ 4286745744

Harmonies

Analogous

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



4278217091



4278215824



4283194512

Triad

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



4278215824



4287580241



4282541880

Complementary

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



4278215824



4287638528

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.



4284506410



4278215824



4287188793

Square

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



4278215824



4287122027



4286076970



4279724624

Rectangle

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



4278215824



4284962184



4286076970



4283262258

Sweetspot

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



4278215824



4286753210



4278226987



4282143838



4292796126



4284374622

Same Dimension

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



4278215824



4278223290



4278197648



4282402119



4278214279



4278191368

Inverse Universe

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



4287627364



4290379905



4287656704



4282859589



4287037534



4278714373

Previews

White Background



This preview shows how the Android color 4278215824 looks on a white background.

Color Contrast Check

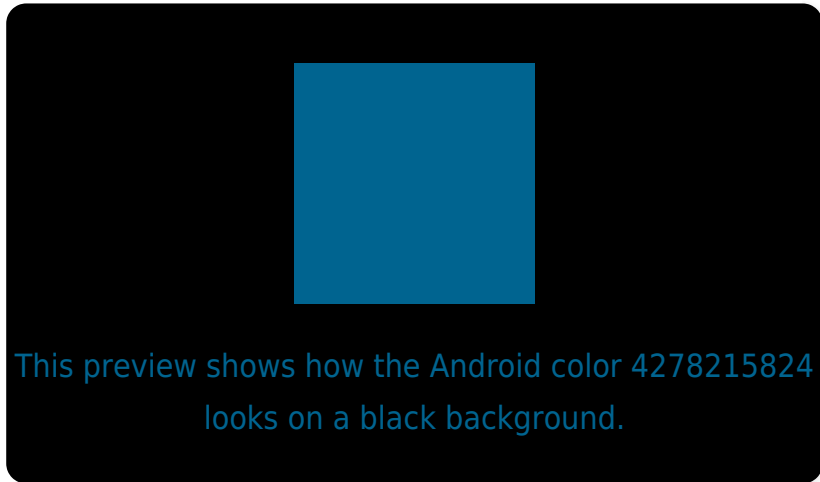
Large Text (above 18pt) WCAG AA ✓ Pass

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

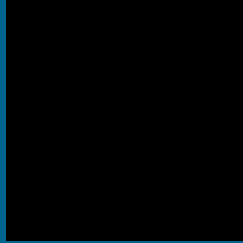
Any Text WCAG AA × Fail

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 4278215824 Background



This preview shows how black text looks on a background with the Android color 4278215824.

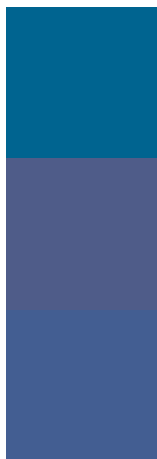


This preview shows how white text looks on a background with the Android color 4278215824.

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

4278215824

Protanopia

4283391113

Deuteranopia

4282605202

Trichromacy



Original Color
4278215824

Protanomaly
4281491340

Deuteranomaly
4281032849

Tritanomaly
4278216572

Monochromacy



Original Color
4278215824

Achromatopsia
4283124555

Achromatomaly
4281357412

CSS Examples

Text

The CSS property to change the color of the text to Android 4278215824 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(0, 100, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 100, 144)  
}
```

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(0, 100, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 100, 144) }
```

Border

The CSS property to change the border of an element to Android 4278215824 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(0, 100, 144) }
```

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

```
.border{ border-color:rgb(0, 100, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 100, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 100, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 100, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 100,  
144) }
```

Background

The CSS property to change the background color of an element to Android 4278215824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 100, 144) }
```

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

```
.background{ background-color: rgb(0, 100,  
144) }
```

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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