

Converting Colors

Android(4278214025)

Have a look what the booklet for
Android(4278214025) contains.

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Color

Android(4278214025)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 005D89 |
| RGB | 0, 93, 137 |
| RGB Percent | 0%, 36%, 54% |
| CMY | 1.0000, 0.6353, 0.4627 |
| CMYK | 1.00, 0.32, 0.00, 0.46 |
| HSL | 199°, 100%, 27% |
| HSV | 199°, 100%, 54% |
| XYZ | 8.4297, 9.6348, 25.0823 |
| YIQ | 70.2090, -69.5520, -6.0320 |

Conversions

Conversions Part 2

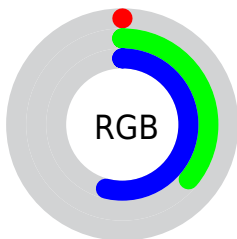
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 55, 137 |
| Decimal | 23945 |
| CIELab | 37.18, -6.24, -30.91 |
| CIELCh | 37, 31.539, 258.585 |
| Yxy | 9.6348, 0.1954, 0.2233 |
| Android (android.graphics.Color) | 4278214025 (0xFF005D89) |
| YUV | 70.2090, 32.9280, -61.5733 |
| Hunter-Lab | 31.0400, -5.8439, -26.1821 |

Details

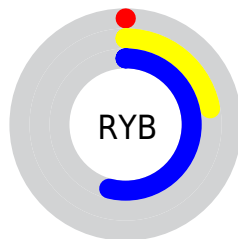
The Android color `4278214025` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287179776`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4283469759`, and `4278202199` is the 20% darker color. If you saturate the color by 10%, you get `4278214025`, and if you desaturate by 10%, it is `4279132553`.

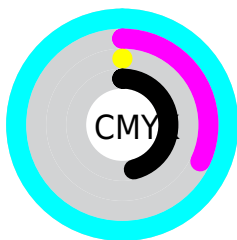
Distribution



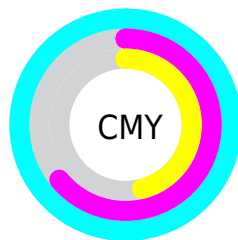
- Red (0%)
- Green (36%)
- Blue (54%)



- Red (0%)
- Yellow (22%)
- Blue (54%)



- Cyan (100%)
- Magenta (32%)
- Yellow (0%)
- Black (46%)



- Cyan (100%)
- Magenta (64%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278214025 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 4278214025 by changing the saturation by 10% instead.



4278214025



4278214025

4294967295



4278208111



4283469759



4278202199



4285311707



4278197055



4287219191



4278190889



4289061375



4278190355



4290969087



4278190080



4292870143



4294836223



4278214025

■ 4279132553

■ 4279985801

■ 4280904329

■ 4281823113

■ 4282741641

■ 4283594633

■ 4284513417

■ 4285431945

■ 4286285193

Harmonies

Analogous

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



4278215293



4278214025



4282996104

Triad

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



4278214025



4287054665



4282016053

Complementary

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



4278214025



4287179776

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.



4283915045



4278214025



4286597426

Square

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



4278214025



4286727010



4285485861



4278608973

Rectangle

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



4278214025



4284698239



4285485861



4282670894

Sweetspot

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



4278214025



4286423475



4278225195



4281945945



4292467161



4284045657

Same Dimension

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



4278214025



4278221235



4278196617



4282270533



4278213253



4278190853

Inverse Universe

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



4287168605



4289921145



4287197184



4282728003



4286906458



4278517763

Previews

White Background



This preview shows how the Android color 4278214025 looks on a white background.

Color Contrast Check

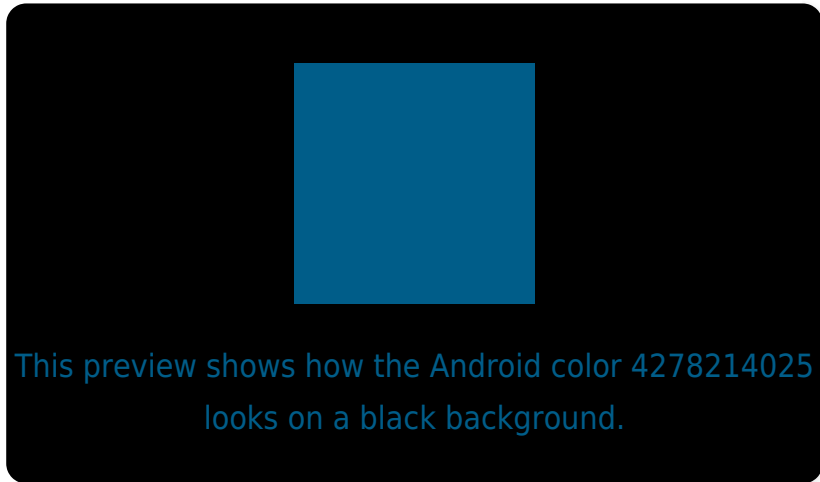
Large Text (above 18pt) WCAG AA ✓ Pass

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

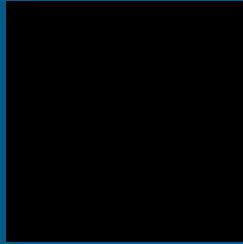
Any Text WCAG AA × Fail

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 4278214025 Background



This preview shows how black text looks on a background with the Android color 4278214025.



This preview shows how white text looks on a background with the Android color 4278214025.

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
4278214025

Protanopia
4282930819

Deuteranopia
4282144906

Trichromacy



Original Color
4278214025

Protanomaly
4281227653

Deuteranomaly
4280703626

Tritanomaly
4278214772

Monochromacy



Original Color
4278214025

Achromatopsia
4282795590

Achromatomaly
4281159262

CSS Examples

Text

The CSS property to change the color of the text to Android 4278214025 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, 93, 137)` looks like.

```
.text, #text, p{  
    color:rgb(0, 93, 137)  
}
```

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, 93, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 93, 137) }
```

Border

The CSS property to change the border of an element to Android 4278214025 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, 93, 137) }
```

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

```
.border{ border-color:rgb(0, 93, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 93, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 93, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 93, 137);  
box-shadow:4px 4px 4px 4px rgb(0, 93, 137)  
}
```

Background

The CSS property to change the background color of an element to Android 4278214025 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 93, 137) }
```

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

```
.background{ background-color: rgb(0, 93,  
137) }
```

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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