

Converting Colors

Android(4279855325)

Have a look what the booklet for
Android(4279855325) contains.

| | |
|--|----|
| Android(4279855325) | 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(4279855325)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1968DD |
| RGB | 25, 104, 221 |
| RGB Percent | 10%, 41%, 87% |
| CMY | 0.9020, 0.5922, 0.1333 |
| CMYK | 0.89, 0.53, 0.00, 0.13 |
| HSL | 216°, 80%, 48% |
| HSV | 216°, 89%, 87% |
| XYZ | 18.4024, 15.3278, 70.3953 |
| YIQ | 93.7170, -84.6410, 19.6390 |

Conversions

Conversions Part 2

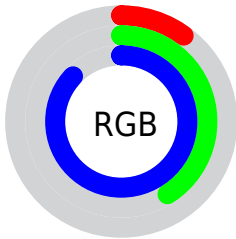
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 25, 81, 221 |
| Decimal | 1665245 |
| CIE Lab | 46.08, 21.67, -65.90 |
| CIE LCh | 46, 69.375, 288.201 |
| Yxy | 15.3278, 0.1767, 0.1472 |
| Android (android.graphics.Color) | 4279855325 (0xFF1968DD) |
| YUV | 93.7170, 62.7505, -60.2648 |
| Hunter-Lab | 39.1507, 15.3883, -79.2015 |

Details

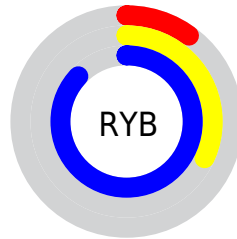
The Android color `4279855325` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4292709913`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285373183`, and `4278205093` is the 20% darker color. If you saturate the color by 10%, you get `4278410205`, and if you desaturate by 10%, it is `4281300445`.

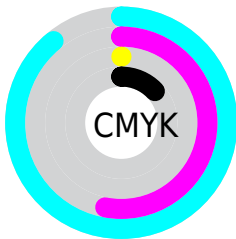
Distribution



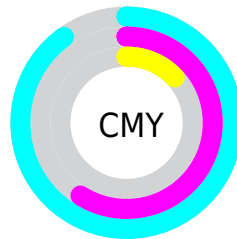
- Red (10%)
- Green (41%)
- Blue (87%)



- Red (10%)
- Yellow (32%)
- Blue (87%)



- Cyan (89%)
- Magenta (53%)
- Yellow (0%)
- Black (13%)



- Cyan (90%)
- Magenta (59%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279855325 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 4279855325 by changing the saturation by 10% instead.

 4279855325

 4279855325

4294967295

 4278210753

 4285373183


 4278205093

 4287542783

 4278199946

 4289581311

 4278195312

 4291620095

 4278192214

 4293656575

 4278191678

 4278190887

 4278190353

 4278190080

■ 4279855325

■ 4279855325

■ 4278410205

■ 4281300445

■ 4278213085

■ 4282745565

■ 4284190941

■ 4285636061

■ 4287081181

■ 4288591837

■ 4290036957

■ 4291482333

■ 4292927453

Harmonies

Analogous

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



4278221792



4279855325



4288301756

Triad

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



4279855325



4290659858



4278224211

Complementary

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



4279855325



4292709913

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.



4278222864



4279855325



4288111104

Square

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



4279855325



4291896397



4284773632



4278224528

Rectangle

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



4279855325



4290589082



4284773632



4278223679

Sweetspot

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



4279855325



4290434815



4279885195



4283918208



4278190080



4286611584

Same Dimension

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



4279855325



4278216703



4280883677



4284704622



4278208173



4278194990

Inverse Universe

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



4292680040



4294901863



4291681561



4285424487



4289527878



4281204755

Previews

White Background



This preview shows how the Android color 4279855325 looks on a white background.

Color Contrast Check

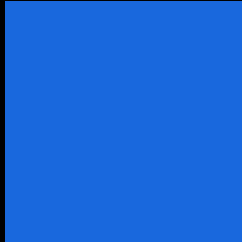
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279855325 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 4279855325 Background



This preview shows how black text looks on a background with the Android color 4279855325.



This preview shows how white text looks on a background with the Android color 4279855325.

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

4279855325

Protanopia

4279134429

Deuteranopia

4278218688

Trichromacy



Original Color
4279855325

Protanomaly
4279396573

Deuteranomaly
4278807755

Tritanomaly
4278809506

Monochromacy



Original Color
4279855325

Achromatopsia
4284374622

Achromatomaly
4282737292

CSS Examples

Text

The CSS property to change the color of the text to Android 4279855325 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(25, 104, 221)` looks like.

```
.text, #text, p{  
    color:rgb(25, 104, 221)  
}
```

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(25, 104, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(25, 104, 221) }
```

Border

The CSS property to change the border of an element to Android 4279855325 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(25, 104, 221) }
```

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

```
.border{ border-color:rgb(25, 104, 221) }
```

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

Here you see how a box with a 4 pixel rgb(25, 104, 221) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(25, 104, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(25, 104, 221);  
box-shadow:4px 4px 4px 4px rgb(25, 104,  
221) }
```

Background

The CSS property to change the background color of an element to Android 4279855325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(25, 104, 221) }
```

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

```
.background{ background-color: rgb(25, 104,  
221) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor