

Converting Colors

Android(4278663365)

Have a look what the booklet for
Android(4278663365) contains.

Android(4278663365)	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(4278663365)

Conversions

Conversions Part 1

Format	Color
Hex	0738C5
RGB	7, 56, 197
RGB Percent	3%, 22%, 77%
CMY	0.9725, 0.7804, 0.2275
CMYK	0.96, 0.72, 0.00, 0.23
HSL	225°, 93%, 40%
HSV	225°, 96%, 77%
XYZ	11.5798, 6.9047, 53.5457
YIQ	57.4230, -74.4650, 33.4630

Conversions

Conversions Part 2

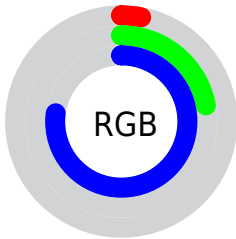
Format	Color
RYB	7, 46, 197
Decimal	473285
CIELab	31.59, 42.75, -75.81
CIElCh	32, 87.035, 299.415
Yxy	6.9047, 0.1608, 0.0959
Android (android.graphics.Color)	4278663365 (0xFF0738C5)
YUV	57.4230, 68.8115, -44.2210
Hunter-Lab	26.2769, 32.6779, -102.4245

Details

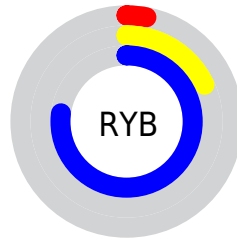
The Android color `4278663365` is a dark color, and the websafe version is hex `0033CC`. The color can be described as dark washed blue. A complement of this color would be `4291138567`, and the grayscale version is `4281940281`.

A 20% lighter version of the original color is `4284901375`, and `4278194062` is the 20% darker color. If you saturate the color by 10%, you get `4278203333`, and if you desaturate by 10%, it is `4279977925`.

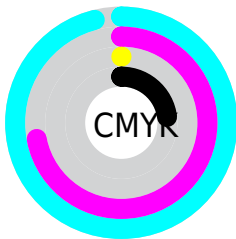
Distribution



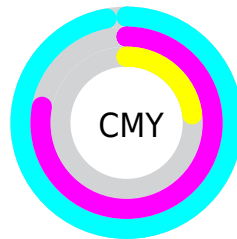
- Red (3%)
- Green (22%)
- Blue (77%)



- Red (3%)
- Yellow (18%)
- Blue (77%)



- Cyan (96%)
- Magenta (72%)
- Yellow (0%)
- Black (23%)



- Cyan (97%)
- Magenta (78%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278663365 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 4278663365 by changing the saturation by 10% instead.



4278663365



4278663365

4294967295



4278198953



4284901375



4278194062



4287005183



4278190195



4289043455



4278192218



4291081983



4278191937



4293054975



4278190890



4294962943



4278190356



4278190080



4278663365



4278663365

■ 4278203333

■ 4279977925

■ 4281226693

■ 4282541253

■ 4283855557

■ 4285170117

■ 4286419141

■ 4287733445

■ 4289048005

■ 4290297029

Harmonies

Analogous

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



4278212312



4278663365



4287889554

Triad

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



4278663365



4287570176



4278214983

Complementary

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



4278663365



4291138567

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.



4278214400



4278663365



4284303360

Square

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



4278663365



4289724429



4278212608



4278215565

Rectangle

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



4278663365



4289724518



4278212608



4278214959

Sweetspot

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



4278663365



4290103551



4278699410



4283653760



4278190080



4286611584

Same Dimension

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



4278663365



4278207231



4281534405



4284111971



4278200995



4278192420

Inverse Universe

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



4291102520



4294901826



4288267527



4284701276



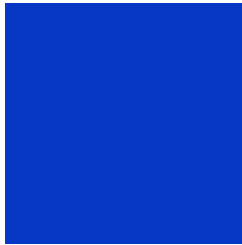
4288872490



4280549385

Previews

White Background



This preview shows how the Android color 4278663365 looks on a white background.

Color Contrast Check

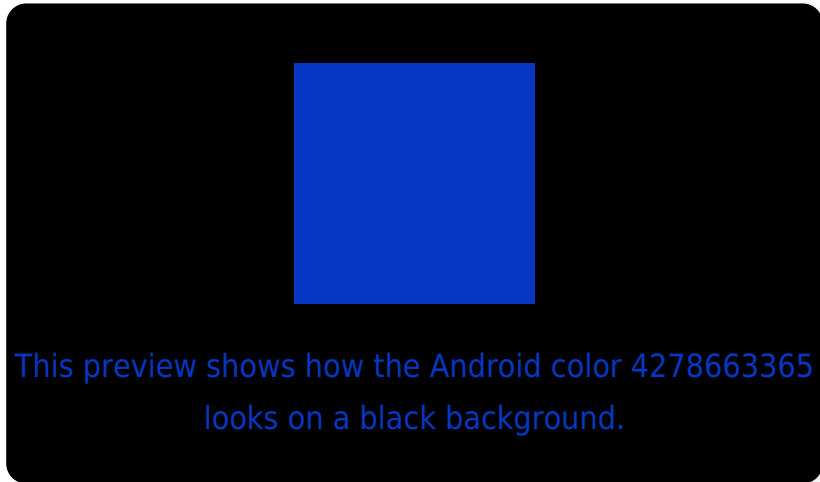
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278663365 Background



This preview shows how black text looks on a background with the Android color 4278663365.



This preview shows how white text looks on a background with the Android color 4278663365.

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

4278663365

Protanopia

4278208663

Deuteranopia

4278209664

Trichromacy



Original Color
4278663365

Protanomaly
4278403752

Deuteranomaly
4278404505

Tritanomaly
4278405503

Monochromacy



Original Color
4278663365

Achromatopsia
4281940281

Achromatomaly
4280760684

CSS Examples

Text

The CSS property to change the color of the text to Android 4278663365 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(7, 56, 197)` looks like.

```
.text, #text, p{  
    color:rgb(7, 56, 197)  
}
```

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(7, 56, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 56, 197) }
```

Border

The CSS property to change the border of an element to Android 4278663365 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(7, 56, 197) }
```

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

```
.border{ border-color:rgb(7, 56, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 56, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 56, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 56, 197);  
box-shadow:4px 4px 4px 4px rgb(7, 56, 197)  
}
```

Background

The CSS property to change the background color of an element to Android 4278663365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 56, 197) }
```

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

```
.background{ background-color: rgb(7, 56,  
197) }
```

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