

Converting Colors

Android(4278209762)

Have a look what the booklet for
Android(4278209762) contains.

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Color

Android(4278209762)

Conversions

Conversions Part 1

Format	Color
Hex	004CE2
RGB	0, 76, 226
RGB Percent	0%, 30%, 89%
CMY	1.0000, 0.7020, 0.1137
CMYK	1.00, 0.66, 0.00, 0.11
HSL	220°, 100%, 44%
HSV	220°, 100%, 89%
XYZ	16.3119, 10.6599, 73.1493
YIQ	70.3760, -93.4460, 30.5380

Conversions

Conversions Part 2

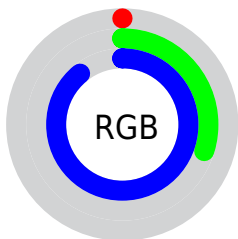
Format	Color
R _{YB}	0, 57, 226
Decimal	19682
CIE Lab	39.00, 40.78, -80.33
CIE LCh	39, 90.094, 296.916
Yxy	10.6599, 0.1629, 0.1065
Android (android.graphics.Color)	4278209762 (0xFF004CE2)
YUV	70.3760, 76.7226, -61.7198
Hunter-Lab	32.6495, 32.0434, -109.9814

Details

The Android color `4278209762` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed blue. A complement of this color would be `4293039616`, and the grayscale version is `4282795590`.

A 20% lighter version of the original color is `4285234687`, and `4278198697` is the 20% darker color. If you saturate the color by 10%, you get `4278209762`, and if you desaturate by 10%, it is `4279720930`.

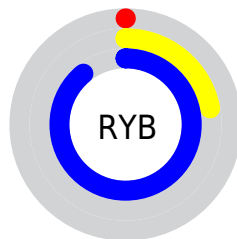
Distribution



Red (0%)

Green (30%)

Blue (89%)



Red (0%)

Yellow (22%)

Blue (89%)

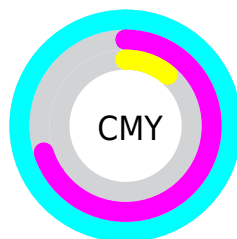


Cyan (100%)

Magenta (66%)

Yellow (0%)

Black (11%)



Cyan (100%)

Magenta (70%)

Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278209762 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 4278209762 by changing the saturation by 10% instead.

 4278209762

 4278209762

4294967295

 4278204101

 4285234687


 4278198697

 4287469311

 4278194318

 4289573375

 4278190195

 4291677695

 4278193498

 4293716479

 4278191937

 4278190890

 4278190356

 4278190080

■ 4278209762

■ 4279720930

■ 4281166562

■ 4282677730

■ 4284123362

■ 4285634530

■ 4287145698

■ 4288591330

■ 4290102498

■ 4291548130

Harmonies

Analogous

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



4278217458



4278209762



4289134766

Triad

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



4278209762



4289474048



4278220370

Complementary

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



4278209762



4293039616

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.



4278219264



4278209762



4286011136

Square

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



4278209762



4291624992



4280904192



4278220701

Rectangle

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



4278209762



4291297407



4280904192



4278220088

Sweetspot

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



4278209762



4289973503



4278248083



4283588992



4278190080



4286611584

Same Dimension

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



4278209762



4278212351



4280418530



4284836208



4278205360



4278194224

Inverse Universe

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



4293001292



4294901846



4290830848



4285556073



4289724475



4281335824

Previews

White Background



This preview shows how the Android color 4278209762 looks on a white background.

Color Contrast Check

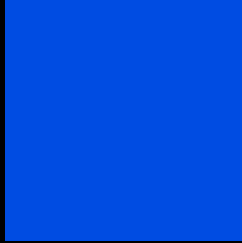
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278209762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

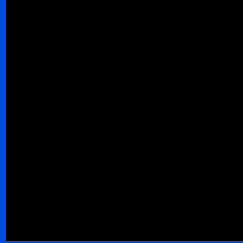
Any Text WCAG AA × Fail

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 4278209762 Background



This preview shows how black text looks on a background with the Android color 4278209762.



This preview shows how white text looks on a background with the Android color 4278209762.

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
4278209762

Protanopia
4278212794

Deuteranopia
4278214303

Trichromacy



Original Color

4278209762

Protanomaly

4278211785

Deuteranomaly

4278212535

Tritanomaly

4278214038

Monochromacy



Original Color

4278209762

Achromatopsia

4282795590

Achromatomaly

4281157759

CSS Examples

Text

The CSS property to change the color of the text to Android 4278209762 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, 76, 226)` looks like.

```
.text, #text, p{  
    color:rgb(0, 76, 226)  
}
```

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, 76, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 76, 226) }
```

Border

The CSS property to change the border of an element to Android 4278209762 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, 76, 226) }
```

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

```
.border{ border-color:rgb(0, 76, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 76, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 76, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 76, 226);  
box-shadow:4px 4px 4px 4px rgb(0, 76, 226)  
}
```

Background

The CSS property to change the background color of an element to Android 4278209762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 76, 226) }
```

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

```
.background{ background-color: rgb(0, 76,  
226) }
```

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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