

Converting Colors

Android(4278466544)

Have a look what the booklet for
Android(4278466544) contains.

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Color

Android(4278466544)

Conversions

Conversions Part 1

Format	Color
Hex	0437F0
RGB	4, 55, 240
RGB Percent	2%, 22%, 94%
CMY	0.9843, 0.7843, 0.0588
CMYK	0.98, 0.77, 0.00, 0.06
HSL	227°, 97%, 48%
HSV	227°, 98%, 94%
XYZ	17.1444, 9.0495, 83.2812
YIQ	60.8410, -89.7810, 46.7230

Conversions

Conversions Part 2

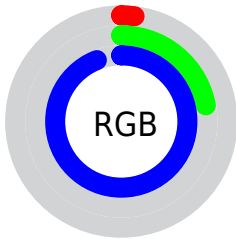
Format	Color
R _Y B	4, 46, 240
Decimal	276464
CIE Lab	36.08, 58.03, -93.11
CIE LCh	36, 109.715, 301.931
Yxy	9.0495, 0.1566, 0.0827
Android (android.graphics.Color)	4278466544 (0xFF0437F0)
YUV	60.8410, 88.3254, -49.8496
Hunter-Lab	30.0823, 49.0862, -143.0834

Details

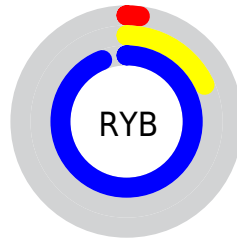
The Android color `4278466544` is a dark color, and the websafe version is hex `3333FF`. The color can be described as dark saturated blue. A complement of this color would be `4293967108`, and the grayscale version is `4282137660`.

A 20% lighter version of the original color is `4285688063`, and `4278192310` is the 20% darker color. If you saturate the color by 10%, you get `4278203632`, and if you desaturate by 10%, it is `4280044272`.

Distribution



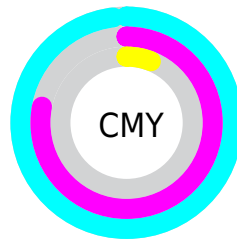
- Red (2%)
- Green (22%)
- Blue (94%)



- Red (2%)
- Yellow (18%)
- Blue (94%)



- Cyan (98%)
- Magenta (77%)
- Yellow (0%)
- Black (6%)



- Cyan (98%)
- Magenta (78%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278466544 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 4278466544 by changing the saturation by 10% instead.

 4278466544

 4278466544

4294967295

 4278198483

 4285688063

 4278192310

 4287988479

 4278190234

 4290158079

 4278190207

 4292262143

 4278194277

 4294366463

 4278192460

 4294963455

 4278191156

 4278190622

 4278190080

■ 4278466544

■ 4278466544

■ 4278203632

■ 4280044272

■ 4281622000

■ 4283199472

■ 4284777200

■ 4286354928

■ 4287932656

■ 4289510384

■ 4291088112

■ 4292665584

Harmonies

Analogous

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



4278215935



4278466544



4290314410

Triad

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



4278466544



4289077248



4278218841

Complementary

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



4278466544



4293967108

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.



4278218240



4278466544



4284699904

Square

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



4278466544



4292018176



4278216448



4278219698

Rectangle

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



4278466544



4292411505



4278216448



4278218809

Sweetspot

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



4278466544



4289971199



4278513853



4283587712



4278190080



4286611584

Same Dimension

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



4278466544



4278204415



4282844400



4285296248



4278200504



4278193208

Inverse Universe

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



4293919799



4294901815



4289589252



4286082158



4290248744



4281860108

Previews

White Background



This preview shows how the Android color 4278466544 looks on a white background.

Color Contrast Check

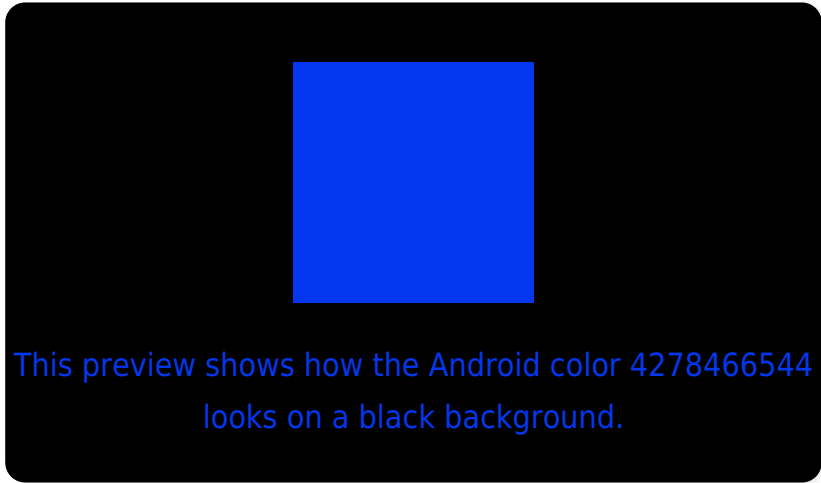
Large Text (above 18pt) WCAG AA ✓ Pass

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

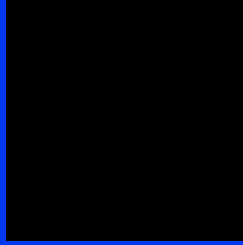
Any Text WCAG AA × Fail

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 4278466544 Background



This preview shows how black text looks on a background with the Android color 4278466544.



This preview shows how white text looks on a background with the Android color 4278466544.

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

4278466544

Protanopia

4278210987

Deuteranopia

4278212497

Trichromacy



Original Color

4278466544

Protanomaly

4278274244

Deuteranomaly

4278274996

Tritanomaly

4278276246

Monochromacy



Original Color

4278466544

Achromatopsia

4282203453

Achromatomaly

4280826750

CSS Examples

Text

The CSS property to change the color of the text to Android 4278466544 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(4, 55, 240)` looks like.

```
.text, #text, p{  
    color:rgb(4, 55, 240)  
}
```

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(4, 55, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 55, 240) }
```

Border

The CSS property to change the border of an element to Android 4278466544 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(4, 55, 240) }
```

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

```
.border{ border-color:rgb(4, 55, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 55, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 55, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(4, 55, 240);  
box-shadow:4px 4px 4px 4px rgb(4, 55, 240)  
}
```

Background

The CSS property to change the background color of an element to Android 4278466544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 55, 240) }
```

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

```
.background{ background-color: rgb(4, 55,  
240) }
```

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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