

Converting Colors

Android(4282083566)

Have a look what the booklet for
Android(4282083566) contains.

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Color

Android(4282083566)

Conversions

Conversions Part 1

Format	Color
Hex	3B68EE
RGB	59, 104, 238
RGB Percent	23%, 41%, 93%
CMY	0.7686, 0.5922, 0.0667
CMYK	0.75, 0.56, 0.00, 0.07
HSL	225°, 84%, 58%
HSV	225°, 75%, 93%
XYZ	22.1866, 17.0035, 83.0016
YIQ	105.8210, -69.8340, 32.1340

Conversions

Conversions Part 2

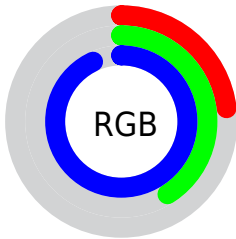
Format	Color
RYB	59, 95, 238
Decimal	3893486
CIELab	48.26, 30.86, -71.90
CIELCh	48, 78.242, 293.229
Yxy	17.0035, 0.1816, 0.1392
Android (android.graphics.Color)	4282083566 (0xFF3B68EE)
YUV	105.8210, 65.1642, -41.0620
Hunter-Lab	41.2353, 23.8798, -90.4788

Details

The Android color `4282083566` is a dark color, and the websafe version is hex `3366FF`. The color can be described as dark washed azure. A complement of this color would be `4293837115`, and the grayscale version is `4285098345`.

A 20% lighter version of the original color is `4286749695`, and `4278205109` is the 20% darker color. If you saturate the color by 10%, you get `4280506094`, and if you desaturate by 10%, it is `4283661038`.

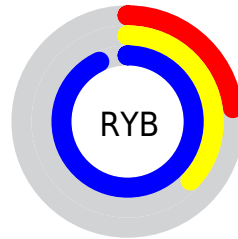
Distribution



Red (23%)

Green (41%)

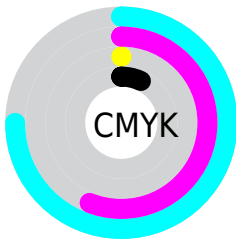
Blue (93%)



Red (23%)

Yellow (37%)

Blue (93%)

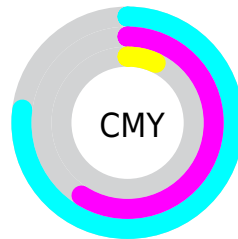


Cyan (75%)

Magenta (56%)

Yellow (0%)

Black (7%)



Cyan (77%)

Magenta (59%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282083566 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 4282083566 by changing the saturation by 10% instead.

 4282083566

 4282083566

4294967295

 4278210769

 4286749695

 4278205109

 4288853503

 4278199961

 4290892287

 4278195327

 4292931071

 4278190181

 4278192460

 4278191156

 4278190622

 4278190080

■ 4282083566

■ 4282083566

■ 4280506094

■ 4283661038

■ 4278928622

■ 4285238510

■ 4278205678

■ 4286750190

■ 4288327662

■ 4289905134

■ 4291482606

■ 4293060078

■ 4294572014

■ 4294967278

Harmonies

Analogous

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



4278223096



4282083566



4289806787

Triad

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



4282083566



4291185152



4278226273

Complementary

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



4282083566



4293837115

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.



4278224916



4282083566



4288178944

Square

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



4282083566



4292941891



4284120576



4278226597

Rectangle

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



4282083566



4292025242



4284120576



4278225994

Sweetspot

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



4282083566



4291089407



4282117822



4284245376



4278190080



4286611584

Same Dimension

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



4282083566



4279849983



4284824558



4285296504



4278202040



4278193720

Inverse Universe

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



4293802856



4294908243



4291096123



4286082159



4290248750



4281860110

Previews

White Background



This preview shows how the Android color 4282083566 looks on a white background.

Color Contrast Check

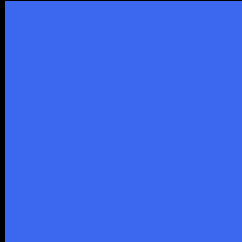
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282083566 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 4282083566 Background



This preview shows how black text looks on a background with the Android color 4282083566.



This preview shows how white text looks on a background with the Android color 4282083566.

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
4282083566

Protanopia
4278218217

Deuteranopia
4278220233

Trichromacy



Original Color
4282083566

Protanomaly
4279593963

Deuteranomaly
4279595222

Tritanomaly
4279596716

Monochromacy



Original Color
4282083566

Achromatopsia
4285164138

Achromatomaly
4284049818

CSS Examples

Text

The CSS property to change the color of the text to Android 4282083566 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(59, 104, 238)` looks like.

```
.text, #text, p{  
    color:rgb(59, 104, 238)  
}
```

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(59, 104, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(59, 104, 238) }
```

Border

The CSS property to change the border of an element to Android 4282083566 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(59, 104, 238) }
```

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

```
.border{ border-color:rgb(59, 104, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(59, 104, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(59, 104, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(59, 104, 238);  
box-shadow:4px 4px 4px 4px rgb(59, 104,  
238) }
```

Background

The CSS property to change the background color of an element to Android 4282083566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(59, 104, 238) }
```

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

```
.background{ background-color: rgb(59, 104,  
238) }
```

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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