

Converting Colors

Android(4286093038)

Have a look what the booklet for
Android(4286093038) contains.

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Color

Android(4286093038)

Conversions

Conversions Part 1

Format	Color
Hex	7896EE
RGB	120, 150, 238
RGB Percent	47%, 59%, 93%
CMY	0.5294, 0.4118, 0.0667
CMYK	0.50, 0.37, 0.00, 0.07
HSL	225°, 78%, 70%
HSV	225°, 50%, 93%
XYZ	34.0847, 31.9788, 85.2650
YIQ	151.0620, -46.1280, 21.0080

Conversions

Conversions Part 2

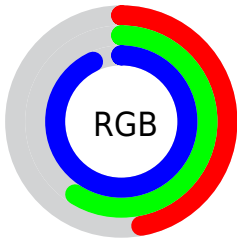
Format	Color
RYB	120, 144, 238
Decimal	7902958
CIELab	63.33, 13.31, -47.58
CIELCh	63, 49.405, 285.630
Yxy	31.9788, 0.2252, 0.2113
Android (android.graphics.Color)	4286093038 (0xFF7896EE)
YUV	151.0620, 42.8604, -27.2414
Hunter-Lab	56.5498, 8.6265, -49.8117

Details

The Android color `4286093038` is a light color, and the websafe version is hex `6699FF`. A complement of this color would be `4293841016`, and the grayscale version is `4288124823`.

A 20% lighter version of the original color is `4289907967`, and `4282148022` is the 20% darker color. If you saturate the color by 10%, you get `4284515566`, and if you desaturate by 10%, it is `4287670510`.

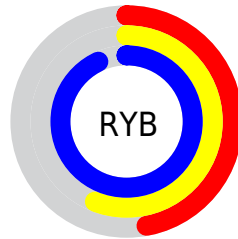
Distribution



Red (47%)

Green (59%)

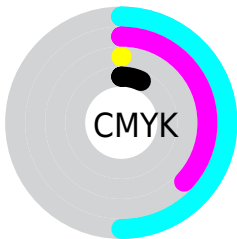
Blue (93%)



Red (47%)

Yellow (56%)

Blue (93%)

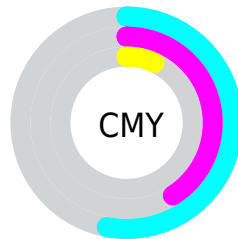


Cyan (50%)

Magenta (37%)

Yellow (0%)

Black (7%)



Cyan (53%)















Magenta (41%)

Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286093038 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 4286093038 by changing the saturation by 10% instead.

 4286093038	 4286093038
4294967295	 4284185809
 4289907967	 4282148022
 4291815679	 4279585946
 4293787647	 4278204032
	 4278198630
	 4278192974
	 4278191414
	 4278190624
	 4278190084

■ 4286093038

■ 4286093038

■ 4284515566

■ 4287670510

■ 4282938350

■ 4289247726

■ 4281426414

■ 4290759662

■ 4279848942

■ 4292337134

■ 4278271470

■ 4293914606

■ 4278205934

■ 4294967278

Harmonies

Analogous

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



4278232302



4286093038



4290414039

Triad

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



4286093038



4292968284



4279086722

Complementary

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



4286093038



4293841016

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.



4285245529



4286093038



4291137346

Square

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



4286093038



4293686404



4288454208



4278235056

Rectangle

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



4286093038



4292246206



4288454208



4282232179

Sweetspot

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



4286093038



4292469503



4286115535



4285099648



4278190080



4286611584

Same Dimension

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



4286093038



4285108223



4287920366



4285296504



4278202296



4278193720

Inverse Universe

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



4293818518



4294928783



4292013688



4286082159



4290248751



4281860110

Previews

White Background



This preview shows how the Android color 4286093038 looks on a white background.

Color Contrast Check

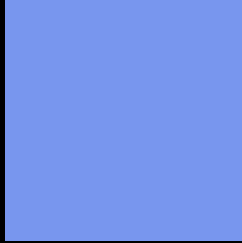
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4286093038 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4286093038 Background



This preview shows how black text looks on a background with the Android color 4286093038.



This preview shows how white text looks on a background with the Android color 4286093038.

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
4286093038

Protanopia
4286093038

Deuteranopia
4285372909

Trichromacy



Original Color
4286093038

Protanomaly
4286093038

Deuteranomaly
4285634797

Tritanomaly
4285308615

Monochromacy



Original Color
4286093038

Achromatopsia
4288124823

Achromatomaly
4287403959

CSS Examples

Text

The CSS property to change the color of the text to Android 4286093038 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(120, 150, 238)` looks like.

```
.text, #text, p{  
    color:rgb(120, 150, 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(120, 150, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 150, 238) }
```

Border

The CSS property to change the border of an element to Android 4286093038 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(120, 150, 238) }
```

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

```
.border{ border-color:rgb(120, 150, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 150, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 150, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 150, 238);  
box-shadow:4px 4px 4px 4px rgb(120, 150,  
238) }
```

Background

The CSS property to change the background color of an element to Android 4286093038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 150, 238) }
```

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

```
.background{ background-color: rgb(120,  
150, 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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