

Converting Colors

Android(4280644584)

Have a look what the booklet for
Android(4280644584) contains.

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Color

Android(4280644584)

Conversions

Conversions Part 1

Format	Color
Hex	2573E8
RGB	37, 115, 232
RGB Percent	15%, 45%, 91%
CMY	0.8549, 0.5490, 0.0902
CMYK	0.84, 0.50, 0.00, 0.09
HSL	216°, 81%, 53%
HSV	216°, 84%, 91%
XYZ	21.4592, 18.4810, 78.7801
YIQ	105.0160, -84.0450, 19.8510

Conversions

Conversions Part 2

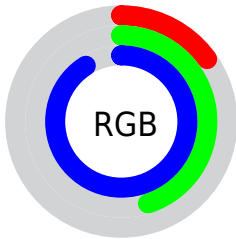
Format	Color
R _Y B	37, 93, 232
Decimal	2454504
CIE Lab	50.07, 19.66, -65.63
CIE LCh	50, 68.507, 286.673
Yxy	18.4810, 0.1808, 0.1557
Android (android.graphics.Color)	4280644584 (0xFF2573E8)
YUV	105.0160, 62.6031, -59.6500
Hunter-Lab	42.9895, 13.8706, -78.5588

Details

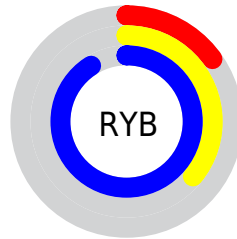
The Android color `4280644584` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark washed azure. A complement of this color would be `4293433893`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4285835007`, and `4278207663` is the 20% darker color. If you saturate the color by 10%, you get `4279133672`, and if you desaturate by 10%, it is `4282155496`.

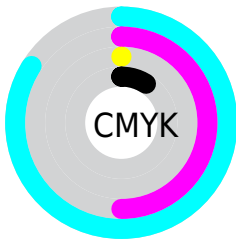
Distribution



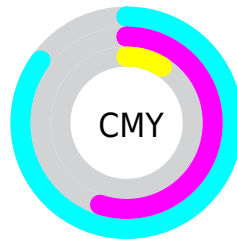
- Red (15%)
- Green (45%)
- Blue (91%)



- Red (15%)
- Yellow (36%)
- Blue (91%)



- Cyan (84%)
- Magenta (50%)
- Yellow (0%)
- Black (9%)



- Cyan (85%)
- Magenta (55%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280644584 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 4280644584 by changing the saturation by 10% instead.

 4280644584

 4280644584

4294967295

 4278213579

 4285835007

 4278207663

 4287939071

 4278202260

 4290043391

 4278197626

 4292082175

 4278190176

 4294115327

 4278192199

 4278191152

 4278190362

 4278190080

■ 4280644584

■ 4280644584

■ 4279133672

■ 4282155496

■ 4278214120

■ 4283666408

■ 4285242856

■ 4286753768

■ 4288264680

■ 4289775592

■ 4291286248

■ 4292862696

■ 4294373608

Harmonies

Analogous

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



4278224617



4280644584



4288763592

Triad

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



4280644584



4291514146



4278226778

Complementary

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



4280644584



4293433893

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.



4280388123



4280644584



4289030912

Square

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



4280644584



4292686937



4285693440



4278227351

Rectangle

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



4280644584



4291117478



4285693440



4278226502

Sweetspot

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



4280644584



4290763263



4280674458



4284049792



4278190080



4286611584

Same Dimension

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



4280644584



4278216447



4281869800



4284968051



4278208435



4278195251

Inverse Universe

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



4293404019



4294901862



4292208677



4285753196



4289921095



4281532436

Previews

White Background



This preview shows how the Android color 4280644584 looks on a white background.

Color Contrast Check

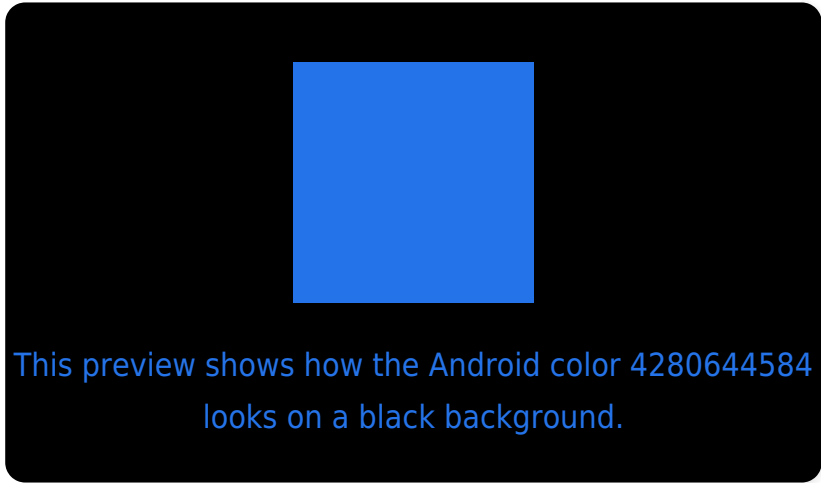
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

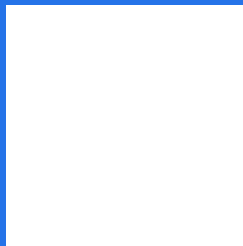
Any Text WCAG AAA × Fail

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

Android 4280644584 Background



This preview shows how black text looks on a background with the Android color 4280644584.



This preview shows how white text looks on a background with the Android color 4280644584.

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

4280644584

Protanopia

4281299687

Deuteranopia

4278221267

Trichromacy



Original Color
4280644584

Protanomaly
4281037543

Deuteranomaly
4279072731

Tritanomaly
4279074221

Monochromacy



Original Color
4280644584

Achromatopsia
4285098345

Achromatomaly
4283461015

CSS Examples

Text

The CSS property to change the color of the text to Android 4280644584 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(37, 115, 232)` looks like.

```
.text, #text, p{  
    color:rgb(37, 115, 232)  
}
```

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(37, 115, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 115, 232) }
```

Border

The CSS property to change the border of an element to Android 4280644584 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(37, 115, 232) }
```

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

```
.border{ border-color:rgb(37, 115, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 115, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(37, 115, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(37, 115, 232); box-shadow:4px 4px 4px 4px rgb(37, 115, 232) }
```

Background

The CSS property to change the background color of an element to Android 4280644584 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 115, 232) }
```

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

```
.background{ background-color: rgb(37, 115,  
232) }
```

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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