

Converting Colors

Android(4283580591)

Have a look what the booklet for
Android(4283580591) contains.

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Color

Android(4283580591)

Conversions

Conversions Part 1

Format	Color
Hex	5240AF
RGB	82, 64, 175
RGB Percent	32%, 25%, 69%
CMY	0.6784, 0.7490, 0.3137
CMYK	0.53, 0.63, 0.00, 0.31
HSL	250°, 46%, 47%
HSV	250°, 63%, 69%
XYZ	13.0509, 8.5558, 41.5210
YIQ	82.0360, -24.9030, 38.3370

Conversions

Conversions Part 2

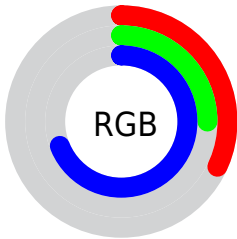
Format	Color
R _Y B	82, 64, 175
Decimal	5390511
CIE Lab	35.11, 37.63, -56.90
CIE LCh	35, 68.221, 303.476
Yxy	8.5558, 0.2067, 0.1355
Android (android.graphics.Color)	4283580591 (0xFF5240AF)
YUV	82.0360, 45.8313, -0.0316
Hunter-Lab	29.2503, 28.4555, -63.6875

Details

The Android color **4283580591** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4288524096**, and the grayscale version is **4283585106**.

A 20% lighter version of the original color is **4287328743**, and **4278915961** is the 20% darker color. If you saturate the color by 10%, you get **4282593199**, and if you desaturate by 10%, it is **4284568239**.

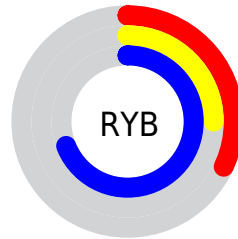
Distribution



Red (32%)

Green (25%)

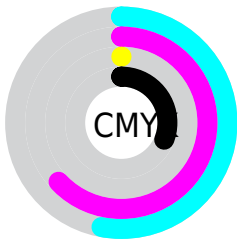
Blue (69%)



Red (32%)

Yellow (25%)

Blue (69%)

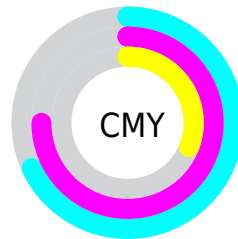


Cyan (53%)

Magenta (63%)

Yellow (0%)

Black (31%)



Cyan (68%)

Magenta (75%)

Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Android color 4283580591 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 4283580591 by changing the saturation by 10% instead.

 4283580591

 4283580591

4294967295

 4281608596

 4287328743

 4278915961

 4289170431

 4278190176

 4291077631

 4278190151

 4293050879

 4278191152

 4294958591

 4278190362

 4294965759

 4278190080

 4283580591

 4283580591

 4282593199

 4284568239

■ 4281671087

■ 4285490095

■ 4280683695

■ 4286477743

■ 4280025263

■ 4287465135

■ 4288387247

■ 4289374639

■ 4290362287

■ 4291284143

■ 4292271535

Harmonies

Analogous

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



4278212801



4283580591



4288024964

Triad

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



4283580591



4287314688



4278216792

Complementary

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



4283580591



4288524096

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.



4278216220



4283580591



4284502784

Square

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



4283580591



4289138202



4280573696



4278216846

Rectangle

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



4283580591



4289265761



4280573696



4278216773

Sweetspot

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



4283580591



4290754787



4282425007



4284307571



4294111986



4285756275

Same Dimension

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



4283580591



4283578083



4287119535



4283387479



4279763094



4278452247

Inverse Universe

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



4289675421



4293080775



4284985152



4283911765



4288020606



4279697427

Previews

White Background



This preview shows how the Android color 4283580591 looks on a white background.

Color Contrast Check

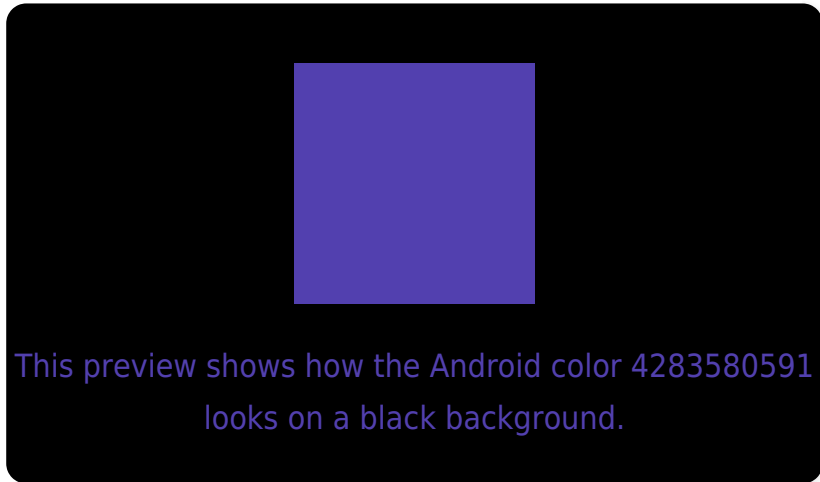
Large Text (above 18pt) WCAG AA ✓ Pass

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

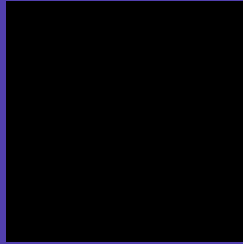
Any Text WCAG AA × Fail

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 4283580591 Background



This preview shows how black text looks on a background with the Android color 4283580591.



This preview shows how white text looks on a background with the Android color 4283580591.

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
4283580591

Protanopia
4278210729

Deuteranopia
4278211986

Trichromacy



Original Color
4283580591

Protanomaly
4280175275

Deuteranomaly
4280176029

Tritanomaly
4282470268

Monochromacy



Original Color
4283580591

Achromatopsia
4283585106

Achromatomaly
4283583348

CSS Examples

Text

The CSS property to change the color of the text to Android 4283580591 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(82, 64, 175)` looks like.

```
.text, #text, p{  
    color:rgb(82, 64, 175)  
}
```

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(82, 64, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(82, 64, 175) }
```

Border

The CSS property to change the border of an element to Android 4283580591 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(82, 64, 175) }
```

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

```
.border{ border-color:rgb(82, 64, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(82, 64, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(82, 64, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(82, 64, 175);  
box-shadow:4px 4px 4px 4px rgb(82, 64,  
175) }
```

Background

The CSS property to change the background color of an element to Android 4283580591 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(82, 64, 175) }
```

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

```
.background{ background-color: rgb(82, 64,  
175) }
```

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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