

Converting Colors

Android(4283771596)

Have a look what the booklet for
Android(4283771596) contains.

Android(4283771596)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283771596)

Conversions

Conversions Part 1

Format	Color
Hex	552ACC
RGB	85, 42, 204
RGB Percent	33%, 16%, 80%
CMY	0.6667, 0.8353, 0.2000
CMYK	0.58, 0.79, 0.00, 0.20
HSL	256°, 66%, 48%
HSV	256°, 79%, 80%
XYZ	15.4734, 7.9469, 57.8451
YIQ	73.3250, -26.3740, 59.4980

Conversions

Conversions Part 2

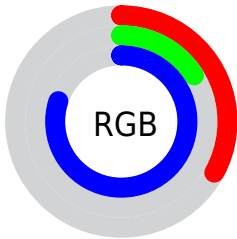
Format	Color
R_{YB}	85, 42, 204
Decimal	5581516
CIE _{Lab}	33.87, 58.05, -76.00
CIE _{LCh}	34, 95.629, 307.374
Yxy	7.9469, 0.1904, 0.0978
Android (android.graphics.Color)	4283771596 (0xFF552ACC)
YUV	73.3250, 64.4228, 10.2390
Hunter-Lab	28.1902, 48.6444, -101.9276

Details

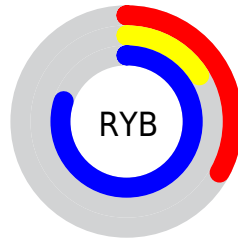
The Android color `4283771596` is a dark color, and the websafe version is hex `6633CC`. The color can be described as dark muted blue. A complement of this color would be `4288793642`, and the grayscale version is `4282992969`.

A 20% lighter version of the original color is `4287848191`, and `4278190228` is the 20% darker color. If you saturate the color by 10%, you get `4282783436`, and if you desaturate by 10%, it is `4284759756`.

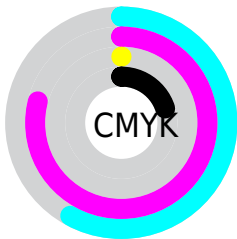
Distribution



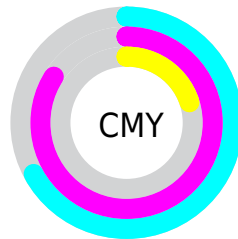
- Red (33%)
- Green (16%)
- Blue (80%)



- Red (33%)
- Yellow (16%)
- Blue (80%)



- Cyan (58%)
- Magenta (79%)
- Yellow (0%)
- Black (20%)



- Cyan (67%)
- Magenta (84%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283771596 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 4283771596 by changing the saturation by 10% instead.

 4283771596

 4283771596

4294967295


 4281404592

 4287848191

 4278190228

 4289820927

 4278190202

 4291793919

 4278190176

 4293832447

 4278192199

 4294953727

 4278191151

 4294961151

 4278190362

 4278190080

 4283771596

 4283771596

■ 4282783436

■ 4284759756

■ 4281795020

■ 4285748172

■ 4281729228

■ 4286736332

■ 4287724748

■ 4288712908

■ 4289701068

■ 4290689484

■ 4291677644

■ 4292666060

Harmonies

Analogous

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



4278212588



4283771596



4289790092

Triad

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



4283771596



4287508992



4278217058

Complementary

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



4283771596



4288793642

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.



4278216454



4283771596



4283520000

Square

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



4283771596



4290314240



4278214912



4278217644

Rectangle

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



4283771596



4291166298



4278214912



4278216775

Sweetspot

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



4283771596



4292002559



4280984780



4284767104



4278190080



4286611584

Same Dimension

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



4283771596



4283239935



4288948940



4284439654



4281073830



4278845478

Inverse Universe

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



4291570337



4294905279



4283616298



4284898403



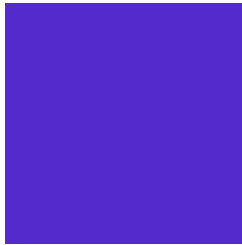
4289069178



4280680476

Previews

White Background



This preview shows how the Android color 4283771596 looks on a white background.

Color Contrast Check

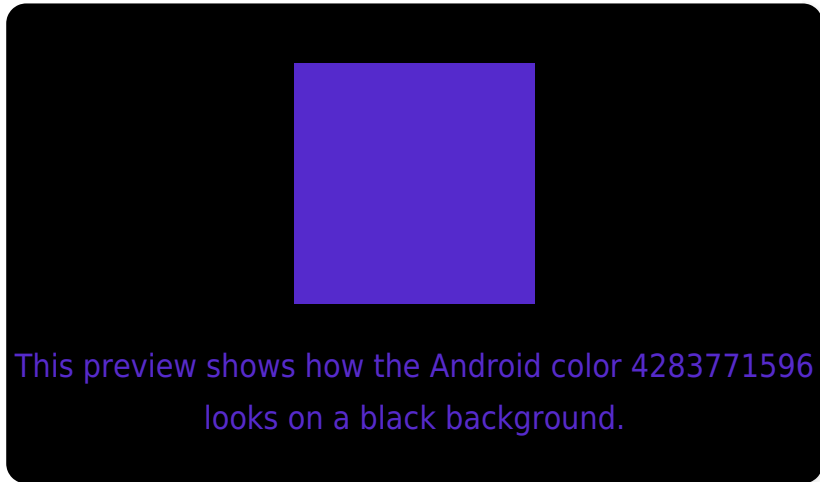
Large Text (above 18pt) WCAG AA ✓ Pass

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

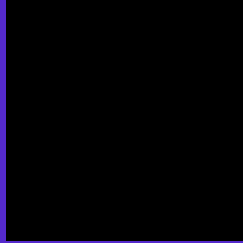
Any Text WCAG AA × Fail

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 4283771596 Background



This preview shows how black text looks on a background with the Android color 4283771596.



This preview shows how white text looks on a background with the Android color 4283771596.

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

4283771596

Protanopia

4278209954

Deuteranopia

4278211210

Trichromacy



Original Color

4283771596



Protanomaly

4280238257



Deuteranomaly

4280239010



Tritanomaly

4281878406

Monochromacy



Original Color

4283771596



Achromatopsia

4282992969



Achromatomaly

4283252345

CSS Examples

Text

The CSS property to change the color of the text to Android 4283771596 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(85, 42, 204)` looks like.

```
.text, #text, p{  
    color:rgb(85, 42, 204)  
}
```

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(85, 42, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 42, 204) }
```

Border

The CSS property to change the border of an element to Android 4283771596 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(85, 42, 204) }
```

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

```
.border{ border-color:rgb(85, 42, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 42, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 42, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 42, 204);  
box-shadow:4px 4px 4px 4px rgb(85, 42,  
204) }
```

Background

The CSS property to change the background color of an element to Android 4283771596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 42, 204) }
```

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

```
.background{ background-color: rgb(85, 42,  
204) }
```

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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