

Converting Colors

Android(4284299251)

Have a look what the booklet for
Android(4284299251) contains.

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Color

Android(4284299251)

Conversions

Conversions Part 1

Format	Color
Hex	5D37F3
RGB	93, 55, 243
RGB Percent	36%, 22%, 95%
CMY	0.6353, 0.7843, 0.0471
CMYK	0.62, 0.77, 0.00, 0.05
HSL	252°, 89%, 58%
HSV	252°, 77%, 95%
XYZ	22.0581, 11.5306, 85.8571
YIQ	87.7940, -37.7000, 66.5240

Conversions

Conversions Part 2

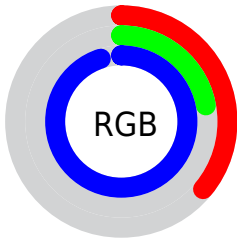
Format	Color
R_{YB}	93, 55, 243
Decimal	6109171
CIE _{Lab}	40.46, 63.90, -87.43
CIE _{LCh}	40, 108.291, 306.164
Yxy	11.5306, 0.1847, 0.0965
Android (android.graphics.Color)	4284299251 (0xFF5D37F3)
YUV	87.7940, 76.5166, 4.5657
Hunter-Lab	33.9567, 56.5280, -126.1406

Details

The Android color `4284299251` is a dark color, and the websafe version is hex `6633FF`. The color can be described as dark washed blue. A complement of this color would be `4291687223`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4288637951`, and `4278190265` is the 20% darker color. If you saturate the color by 10%, you get `4283047923`, and if you desaturate by 10%, it is `4285550579`.

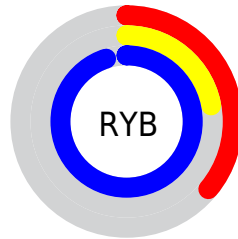
Distribution



Red (36%)

Green (22%)

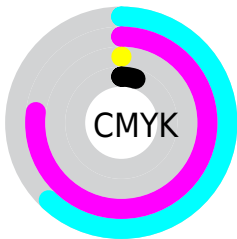
Blue (95%)



Red (36%)

Yellow (22%)

Blue (95%)

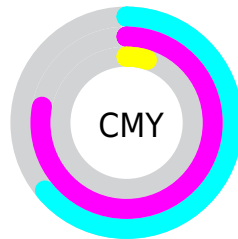


Cyan (62%)

Magenta (77%)

Yellow (0%)

Black (5%)



Cyan (64%)

Magenta (78%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284299251 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 4284299251 by changing the saturation by 10% instead.

 4284299251

 4284299251

4294967295

 4281736150

 4288637951

 4278190265

 4290676479

 4278190237

 4292780543

 4278190210

 4294819327

 4278190184

 4294957823

 4278192719

 4294965247

 4278191415

 4278190624

 4278190085

■ 4284299251

■ 4284299251

■ 4283047923

■ 4285550579

■ 4281730803

■ 4286867699

■ 4281401587

■ 4288119027

■ 4289435891

■ 4290687219

■ 4291938803

■ 4293255667

■ 4294506995

■ 4294967283

Harmonies

Analogous

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



4278217471



4284299251



4291756201

Triad

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



4284299251



4289411584



4278222193

Complementary

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



4284299251



4291687223

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.



4278221312



4284299251



4284834560

Square

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



4284299251



4292608000



4278219776



4278222793

Rectangle

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



4284299251



4293460079



4278219776



4278221905

Sweetspot

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



4284299251



4291871999



4281847283



4284701824



4278190080



4286611584

Same Dimension

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



4284299251



4282520319



4290459635



4285623930



4280680634



4278976571

Inverse Universe

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



4294129613



4294906575



4285526839



4286213752



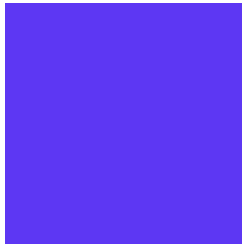
4290379925



4282056751

Previews

White Background



This preview shows how the Android color 4284299251 looks on a white background.

Color Contrast Check

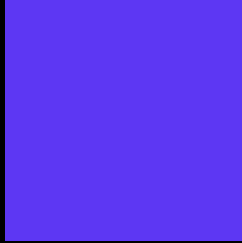
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284299251 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 4284299251 Background



This preview shows how black text looks on a background with the Android color 4284299251.



This preview shows how white text looks on a background with the Android color 4284299251.

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
4284299251

Protanopia
4278213568

Deuteranopia
4278215332

Trichromacy



Original Color

4284299251



Protanomaly

4280438483



Deuteranomaly

4280439489



Tritanomaly

4281030560

Monochromacy



Original Color

4284299251



Achromatopsia

4283979864



Achromatomaly

4284107920

CSS Examples

Text

The CSS property to change the color of the text to Android 4284299251 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(93, 55, 243)` looks like.

```
.text, #text, p{  
    color:rgb(93, 55, 243)  
}
```

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(93, 55, 243) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 55, 243) }
```

Border

The CSS property to change the border of an element to Android 4284299251 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(93, 55, 243) }
```

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

```
.border{ border-color:rgb(93, 55, 243) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 55, 243)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 55, 243); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 55, 243);  
box-shadow:4px 4px 4px 4px rgb(93, 55,  
243) }
```

Background

The CSS property to change the background color of an element to Android 4284299251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 55, 243) }
```

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

```
.background{ background-color: rgb(93, 55,  
243) }
```

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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