

Converting Colors

Android(4283782604)

Have a look what the booklet for
Android(4283782604) contains.

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Color

Android(4283782604)

Conversions

Conversions Part 1

Format	Color
Hex	5555CC
RGB	85, 85, 204
RGB Percent	33%, 33%, 80%
CMY	0.6667, 0.6667, 0.2000
CMYK	0.58, 0.58, 0.00, 0.20
HSL	240°, 54%, 57%
HSV	240°, 58%, 80%
XYZ	17.8939, 12.7879, 58.6519
YIQ	98.5660, -38.1990, 37.0090

Conversions

Conversions Part 2

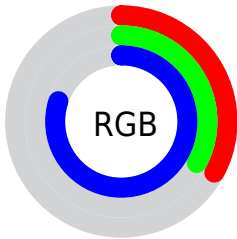
Format	Color
R_{YB}	85, 85, 204
Decimal	5592524
CIE _{Lab}	42.44, 34.66, -61.97
CIE _{LCh}	42, 71.004, 299.220
Yxy	12.7879, 0.2003, 0.1431
Android (android.graphics.Color)	4283782604 (0xFF5555CC)
YUV	98.5660, 51.9790, -11.8974
Hunter-Lab	35.7602, 26.7385, -72.2121

Details

The Android color `4283782604` is a dark color, and the websafe version is hex `6666CC`. The color can be described as dark muted blue. A complement of this color would be `4291611733`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4287662079`, and `4278200469` is the 20% darker color. If you saturate the color by 10%, you get `4282466764`, and if you desaturate by 10%, it is `4285098444`.

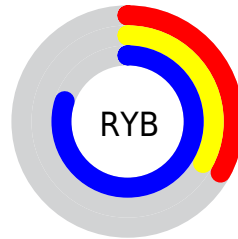
Distribution



Red (33%)

Green (33%)

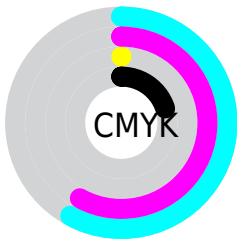
Blue (80%)



Red (33%)

Yellow (33%)

Blue (80%)

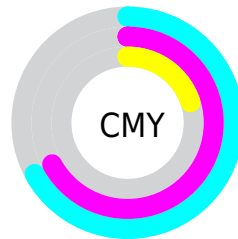


Cyan (58%)

Magenta (58%)

Yellow (0%)

Black (20%)



Cyan (67%)

Magenta (67%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283782604 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 4283782604 by changing the saturation by 10% instead.

 4283782604

 4283782604

4294967295

 4281614000

 4287662079

 4278200469

 4289634815

 4278195066

 4291542271

 4278190177

 4293515519

 4278191944

 4294964735

 4278191152

 4278190363

 4278190080

 4283782604

 4283782604

■ 4282466764

■ 4285098444

■ 4281085132

■ 4286480076

■ 4279769292

■ 4287795916

■ 4278387660

■ 4289177548

■ 4278190284

■ 4290493388

■ 4291809228

■ 4293190860

■ 4294506700

■ 4294967244

Harmonies

Analogous

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



4278218203



4283782604



4289081249

Triad

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



4283782604



4289218304



4278221921

Complementary

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



4283782604



4291611733

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.



4278221089



4283782604



4286341376

Square

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



4283782604



4290977583



4282478848



4278222236

Rectangle

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



4283782604



4290710140



4282478848



4278221644

Sweetspot

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



4283782604



4291940863



4283813068



4284703616



4278190080



4286611584

Same Dimension

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



4283782604



4283256319



4287714764



4284243046



4278190246



4278190118

Inverse Universe

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



4291581388



4294921727



4287745109



4284898406



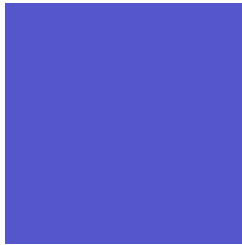
4289069222



4280680486

Previews

White Background



This preview shows how the Android color 4283782604 looks on a white background.

Color Contrast Check

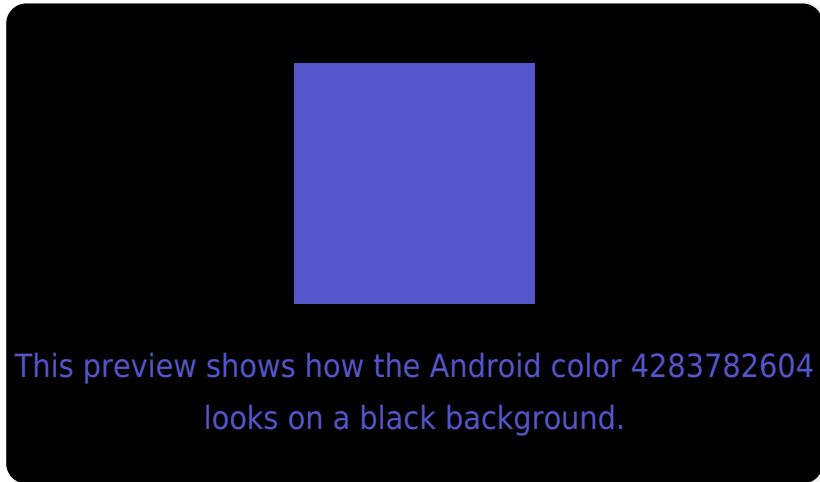
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

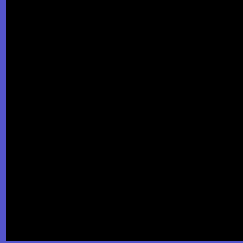
Any Text WCAG AA × Fail

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 4283782604 Background



This preview shows how black text looks on a background with the Android color 4283782604.

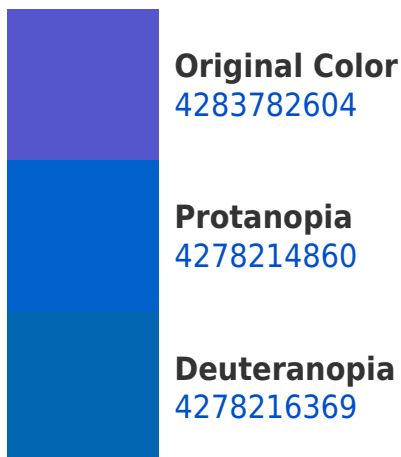


This preview shows how white text looks on a background with the Android color 4283782604.

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



Trichromacy



Original Color
4283782604

Protanomaly
4280245452

Deuteranomaly
4280246459

Tritanomaly
4282279061

Monochromacy



Original Color
4283782604

Achromatopsia
4284703587

Achromatomaly
4284374665

CSS Examples

Text

The CSS property to change the color of the text to Android 4283782604 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, 85, 204)` looks like.

```
.text, #text, p{  
    color:rgb(85, 85, 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, 85, 204) colored shadow looks like.

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

Border

The CSS property to change the border of an element to Android 4283782604 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, 85, 204) }
```

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

```
.border{ border-color:rgb(85, 85, 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, 85, 204)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to Android 4283782604 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

```
.background{ background-color: rgb(85, 85,  
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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