

Converting Colors

Android(4284780202)

Have a look what the booklet for
Android(4284780202) contains.

Android(4284780202)	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(4284780202)

Conversions

Conversions Part 1

Format	Color
Hex	648EAA
RGB	100, 142, 170
RGB Percent	39%, 56%, 67%
CMY	0.6078, 0.4431, 0.3333
CMYK	0.41, 0.16, 0.00, 0.33
HSL	204°, 29%, 53%
HSV	204°, 41%, 67%
XYZ	22.1842, 24.9576, 41.6783
YIQ	132.6340, -34.0200, -0.1960

Conversions

Conversions Part 2

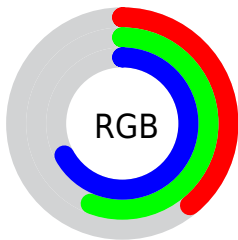
Format	Color
R_{YB}	100, 126, 170
Decimal	6590122
CIE _{Lab}	57.03, -6.95, -19.29
CIE _{LCh}	57, 20.509, 250.184
Y _{xy}	24.9576, 0.2498, 0.2810
Android (android.graphics.Color)	4284780202 (0xFF648EAA)
YUV	132.6340, 18.4214, -28.6200
Hunter-Lab	49.9576, -8.1608, -14.4937

Details

The Android color `4284780202` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4289364068`, and the grayscale version is `4286874756`.

A 20% lighter version of the original color is `4288333025`, and `4281359478` is the 20% darker color. If you saturate the color by 10%, you get `4283664298`, and if you desaturate by 10%, it is `4285896106`.

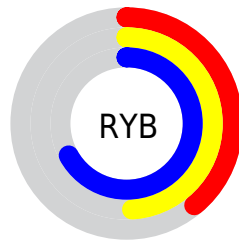
Distribution



Red (39%)

Green (56%)

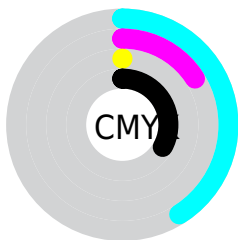
Blue (67%)



Red (39%)

Yellow (49%)

Blue (67%)

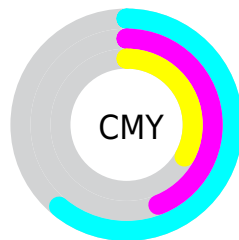


Cyan (41%)

Magenta (16%)

Yellow (0%)

Black (33%)



Cyan (61%)

Magenta (44%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284780202 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 4284780202 by changing the saturation by 10% instead.



4284780202



4284780202

4294967295



4283069583



4288333025



4281359478



4290109694



4279452765



4291951871



4278201925



4293853183



4278196783



4278190362



4278190080



4284780202



4284780202



4283664298



4285896106

■ 4282548394

■ 4287012010

■ 4281432746

■ 4288127658

■ 4280316842

■ 4289243562

■ 4279200938

■ 4290359466

■ 4278216362

■ 4291475370

■ 4292591274

■ 4293706922

■ 4294822826

Harmonies

Analogous

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



4283863711



4284780202



4286351532

Triad

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



4284780202



4289559683



4286353261

Complementary

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



4284780202



4289364068

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.



4287662694



4284780202



4289429107

Square

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



4284780202



4289035669



4288775272



4285043324

Rectangle

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



4284780202



4287399080



4288775272



4286811498

Sweetspot

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



4284780202



4291023838



4284787328



4284508784



4293980400



4285558896

Same Dimension

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



4284780202



4285641438



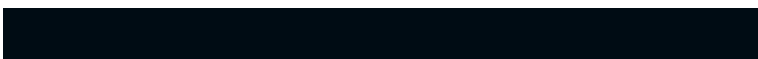
4284771242



4283191636



4278213012



4278193172

Inverse Universe

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



4289356942



4292768178



4289373028



4283714641



4287889497



4279500812

Previews

White Background



This preview shows how the Android color 4284780202 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



This preview shows how the Android color 4284780202 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

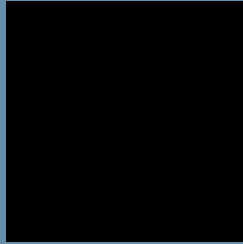
Any Text WCAG AA ✓ Pass

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 4284780202 Background



This preview shows how black text looks on a background with the Android color 4284780202.



This preview shows how white text looks on a background with the Android color 4284780202.

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

4284780202

Protanomaly

4286024359

Deuteranomaly

4286089643

Tritanomaly

4284583841

Monochromacy



Original Color

4284780202

Achromatopsia

4286940549

Achromatomaly

4286154898

CSS Examples

Text

The CSS property to change the color of the text to Android 4284780202 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(100, 142, 170)` looks like.

```
.text, #text, p{  
    color:rgb(100, 142, 170)  
}
```

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(100, 142, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 142, 170) }
```

Border

The CSS property to change the border of an element to Android 4284780202 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(100, 142, 170) }
```

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

```
.border{ border-color:rgb(100, 142, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 142, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 142, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 142, 170);  
box-shadow:4px 4px 4px 4px rgb(100, 142,  
170) }
```

Background

The CSS property to change the background color of an element to Android 4284780202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 142, 170) }
```

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

```
.background{ background-color: rgb(100,  
142, 170) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor