

Converting Colors

Android(4282745008)

Have a look what the booklet for
Android(4282745008) contains.

Android(4282745008)	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(4282745008)

Conversions

Conversions Part 1	
Format	Color
Hex	4580B0
RGB	69, 128, 176
RGB Percent	27%, 50%, 69%
CMY	0.7294, 0.4980, 0.3098
CMYK	0.61, 0.27, 0.00, 0.31
HSL	207°, 44%, 48%
HSV	207°, 61%, 69%
XYZ	18.0099, 19.8381, 43.9542
YIQ	115.8310, -50.5720, 2.4200

Conversions

Conversions Part 2

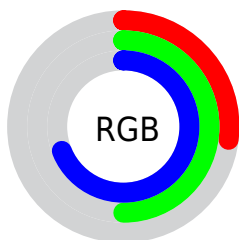
Format	Color
RYB	69, 107, 176
Decimal	4554928
CIELab	51.65, -4.43, -31.17
CIELCh	52, 31.481, 261.917
Yxy	19.8381, 0.2202, 0.2425
Android (android.graphics.Color)	4282745008 (0xFF4580B0)
YUV	115.8310, 29.6633, -41.0708
Hunter-Lab	44.5400, -5.7681, -27.3322

Details

The Android color `4282745008` is a dark color, and the websafe version is hex `6699CC`. A complement of this color would be `4289754437`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4286494184`, and `4278210427` is the 20% darker color. If you saturate the color by 10%, you get `4281563312`, and if you desaturate by 10%, it is `4283926704`.

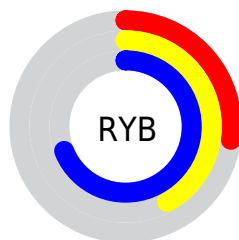
Distribution



Red (27%)

Green (50%)

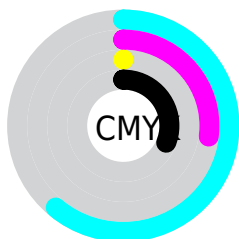
Blue (69%)



Red (27%)

Yellow (42%)

Blue (69%)

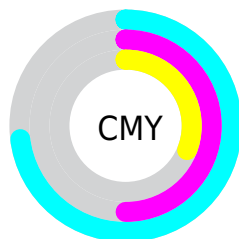


Cyan (61%)

Magenta (27%)

Yellow (0%)

Black (31%)



Cyan (73%)

Magenta (50%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282745008 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 4282745008 by changing the saturation by 10% instead.

 4282745008

 4282745008

4294967295

 4280641429

 4286494184

 4278210427

 4288336127

 4278204514

 4290243839

 4278199114

 4292149247

 4278193459


 4294049791

 4278190621

 4278190080

 4282745008

 4282745008

 4281563312

 4283926704

 4280447152

 4285042864

 4279265456

 4286224560

 4278215088

 4287340720

 4288522160

 4289703856

 4290820016

 4292001712

 4293117872

Harmonies

Analogous

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



4278224549



4282745008



4285757357

Triad

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



4282745008



4289685352



4284057177

Complementary

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



4282745008



4289754437

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.



4286152776



4282745008



4289097298

Square

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



4282745008



4289357700



4287854405



4281633139

Rectangle

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



4282745008



4287393955



4287854405



4284777554

Sweetspot

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



4282745008



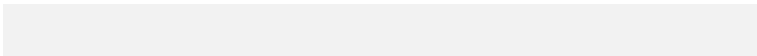
4290565094



4282757235



4284114803



4294111986



4285756275

Same Dimension

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



4282745008



4282292966



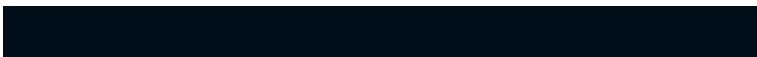
4282731696



4283454809



4278211737



4278193690

Inverse Universe

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



4289742208



4293279386



4289767749



4284043349



4288217172



4279894030

Previews

White Background



This preview shows how the Android color 4282745008 looks on a white background.

Color Contrast Check

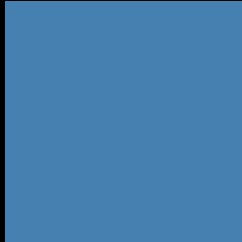
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282745008 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 4282745008 Background



This preview shows how black text looks on a background with the Android color 4282745008.

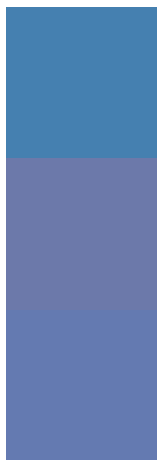


This preview shows how white text looks on a background with the Android color 4282745008.

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

4282745008

Protanopia

4285299114

Deuteranopia

4284775089

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4282745008 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(69, 128, 176)` looks like.

```
.text, #text, p{  
    color:rgb(69, 128, 176)  
}
```

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(69, 128, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 128, 176) }
```

Border

The CSS property to change the border of an element to Android 4282745008 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(69, 128, 176) }
```

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

```
.border{ border-color:rgb(69, 128, 176) }
```

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

Here you see how a box with a 4 pixel rgb(69, 128, 176) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 128, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 128, 176);  
box-shadow:4px 4px 4px 4px rgb(69, 128,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4282745008 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(69, 128, 176) }
```

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

```
.background{ background-color:rgb(69, 128,  
176) }
```

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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