

Converting Colors

Android(4283200365)

Have a look what the booklet for
Android(4283200365) contains.

Android(4283200365)	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(4283200365)

Conversions

Conversions Part 1

Format	Color
Hex	4C736D
RGB	76, 115, 109
RGB Percent	30%, 45%, 43%
CMY	0.7020, 0.5490, 0.5725
CMYK	0.34, 0.00, 0.05, 0.55
HSL	171°, 20%, 37%
HSV	171°, 34%, 45%
XYZ	11.8715, 14.9021, 16.7187
YIQ	102.6550, -21.3180, -10.1340

Conversions

Conversions Part 2

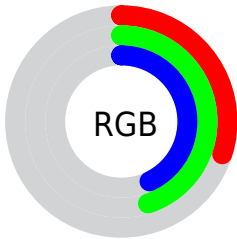
Format	Color
RYB	76, 97, 115
Decimal	5010285
CIELab	45.50, -15.15, -1.06
CIELCh	45, 15.188, 184.013
Yxy	14.9021, 0.2730, 0.3426
Android (android.graphics.Color)	4283200365 (0xFF4C736D)
YUV	102.6550, 3.1281, -23.3764
Hunter-Lab	38.6032, -12.6621, 1.3443

Details

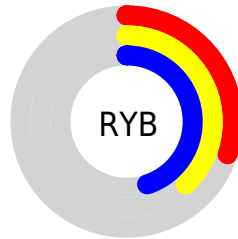
The Android color `4283200365` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285746258`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4286490528`, and `4280042302` is the 20% darker color. If you saturate the color by 10%, you get `4282413931`, and if you desaturate by 10%, it is `4283986799`.

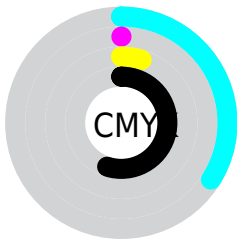
Distribution



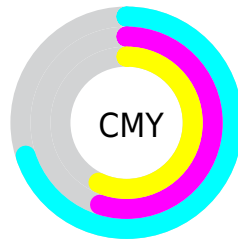
- Red (30%)
- Green (45%)
- Blue (43%)



- Red (30%)
- Yellow (38%)
- Blue (45%)



- Cyan (34%)
- Magenta (0%)
- Yellow (5%)
- Black (55%)



- Cyan (70%)
- Magenta (55%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283200365 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 4283200365 by changing the saturation by 10% instead.



4283200365



4283200365

4294967295



4281621077



4286490528



4280042302



4288266939



4278397992



4290043607



4278196499



4291886068



4278190080



4293722111



4283200365



4283200365



4282413931



4283986799



4281693033



4284707697

■ 4280906600

■ 4285494130

■ 4280185702

■ 4286215028

■ 4279399268

■ 4287001462

■ 4278678370

■ 4287722360

■ 4278219617

■ 4288443257

■ 4289229691

■ 4290016125

Harmonies

Analogous

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



4283920992



4283200365



4282937977

Triad

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



4283200365



4285556865



4286539605

Complementary

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



4283200365



4285746258

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.



4286932062



4283200365



4286473335

Square

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



4283200365



4284443781



4286931818



4285819730

Rectangle

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



4283200365



4283199872



4286931818



4286735960

Sweetspot

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



4283200365



4287075988



4283593548



4282600779



4291611852



4283256141

Same Dimension

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



4283200365



4284061325



4283197043



4281678650



4278221416



4278254291

Inverse Universe

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



4285746258



4288043362



4285749580



4282070326



4286185491



4294574118

Previews

White Background



This preview shows how the Android color 4283200365 looks on a white background.

Color Contrast Check

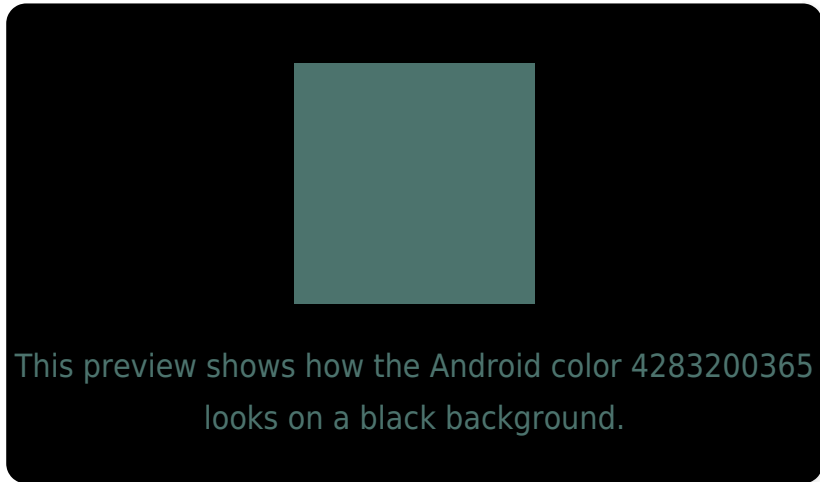
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283200365 Background



This preview shows how black text looks on a background with the Android color 4283200365.



This preview shows how white text looks on a background with the Android color 4283200365.

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

4283200365

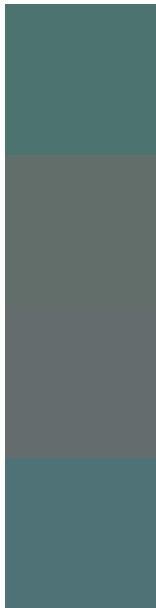
Protanopia

4285426536

Deuteranopia

4285818991

Trichromacy



Original Color

4283200365

Protanomaly

4284640874

Deuteranomaly

4284836974

Tritanomaly

4283331189

Monochromacy



Original Color

4283200365

Achromatopsia

4284966759

Achromatomaly

4284312425

CSS Examples

Text

The CSS property to change the color of the text to Android 4283200365 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(76, 115, 109)` looks like.

```
.text, #text, p{  
    color:rgb(76, 115, 109)  
}
```

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(76, 115, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 115, 109) }
```

Border

The CSS property to change the border of an element to Android 4283200365 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(76, 115, 109) }
```

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

```
.border{ border-color:rgb(76, 115, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 115, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 115, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 115, 109);  
box-shadow:4px 4px 4px 4px rgb(76, 115,  
109) }
```

Background

The CSS property to change the background color of an element to Android 4283200365 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 115, 109) }
```

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

```
.background{ background-color: rgb(76, 115,  
109) }
```

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