

Converting Colors

Android(4280716633)

Have a look what the booklet for
Android(4280716633) contains.

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Color

Android(4280716633)

Conversions

Conversions Part 1

Format	Color
Hex	268D59
RGB	38, 141, 89
RGB Percent	15%, 55%, 35%
CMY	0.8510, 0.4471, 0.6510
CMYK	0.73, 0.00, 0.37, 0.45
HSL	150°, 58%, 35%
HSV	150°, 73%, 55%
XYZ	12.1274, 20.1831, 12.7077
YIQ	104.2750, -44.6960, -38.0080

Conversions

Conversions Part 2

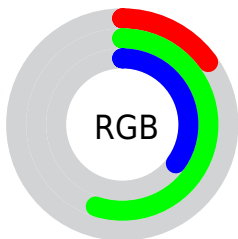
Format	Color
R_{YB}	38, 107, 141
Decimal	2526553
CIE _{Lab}	52.04, -41.57, 19.58
CIE _{LCh}	52, 45.953, 154.784
Yxy	20.1831, 0.2694, 0.4483
Android (android.graphics.Color)	4280716633 (0xFF268D59)
YUV	104.2750, -7.5306, -58.1232
Hunter-Lab	44.9256, -30.4349, 14.6770

Details

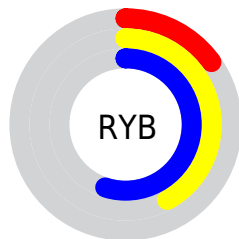
The Android color `4280716633` is a dark color, and the websafe version is hex `339966`. A complement of this color would be `4287440474`, and the grayscale version is `4285032552`.

A 20% lighter version of the original color is `4284662923`, and `4278213163` is the 20% darker color. If you saturate the color by 10%, you get `4279799122`, and if you desaturate by 10%, it is `4281634144`.

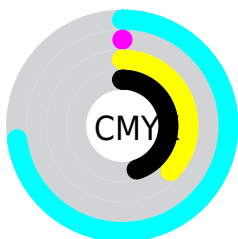
Distribution



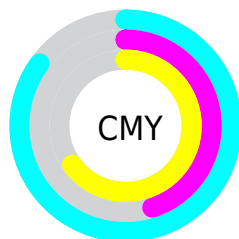
- Red (15%)
- Green (55%)
- Blue (35%)



- Red (15%)
- Yellow (42%)
- Blue (55%)



- Cyan (73%)
- Magenta (0%)
- Yellow (37%)
- Black (45%)



- Cyan (85%)
- Magenta (45%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280716633 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 4280716633 by changing the saturation by 10% instead.



4280716633



4280716633

4294967295



4278219585



4284662923



4278213163



4286505126



4278206741



4288347585



4278201088



4290248669



4278193664



4292149242



4278190080



4294049791



4280716633



4280716633



4279799122



4281634144

■ 4278881611

■ 4282551655

■ 4278226246

■ 4283469166

■ 4284386677

■ 4285369725

■ 4286287236

■ 4287204747

■ 4288122258

■ 4289039769

Harmonies

Analogous

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



4284712760



4280716633



4278227073

Triad

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



4280716633



4281958091



4290862929

Complementary

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



4280716633



4287440474

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.



4291058039



4280716633



4287066045

Square

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



4280716633



4278225347



4289814686



4289490484

Rectangle

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



4280716633



4278226844



4289814686



4291058781

Sweetspot

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



4280716633



4287608995



4284189990



4282670160



4292598747



4284243036

Same Dimension

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



4280716633



4279679078



4280716683



4282402628



4278224707



4278192132

Inverse Universe

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



4287440474



4290254440



4287440424



4282859588



4287037508



4278714372

Previews

White Background



This preview shows how the Android color 4280716633 looks on a white background.

Color Contrast Check

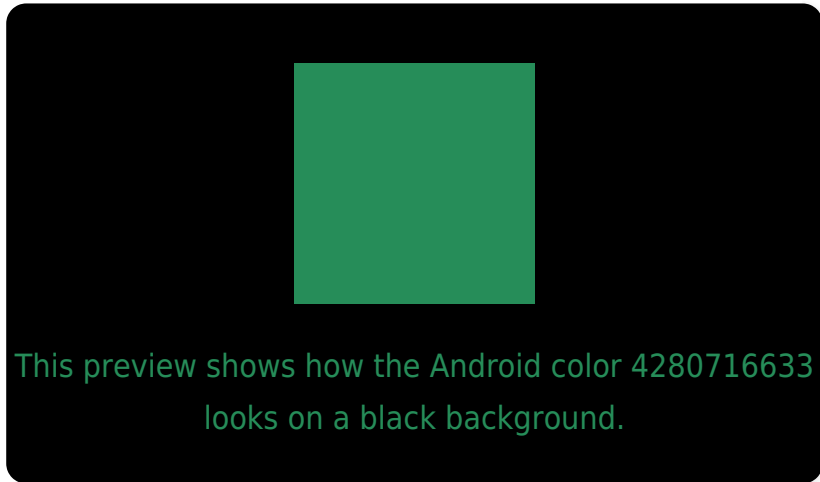
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



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 4280716633 Background



This preview shows how black text looks on a background with the Android color 4280716633.



This preview shows how white text looks on a background with the Android color 4280716633.

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
4280716633

Protanopia
4287003474

Deuteranopia
4287723102

Trichromacy



Original Color

4280716633



Protanomaly

4284711509



Deuteranomaly

4285169244



Tritanomaly

4281698685

Monochromacy



Original Color

4280716633



Achromatopsia

4285032552



Achromatomaly

4283463011

CSS Examples

Text

The CSS property to change the color of the text to Android 4280716633 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(38, 141, 89)` looks like.

```
.text, #text, p{  
    color:rgb(38, 141, 89)  
}
```

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(38, 141, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(38, 141, 89) }
```

Border

The CSS property to change the border of an element to Android 4280716633 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(38, 141, 89) }
```

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

```
.border{ border-color:rgb(38, 141, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(38, 141, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(38, 141, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(38, 141, 89);  
box-shadow:4px 4px 4px 4px rgb(38, 141,  
89) }
```

Background

The CSS property to change the background color of an element to Android 4280716633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(38, 141, 89) }
```

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

```
.background{ background-color: rgb(38, 141,  
89) }
```

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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