

Converting Colors

Android(4280784297)

Have a look what the booklet for
Android(4280784297) contains.

Android(4280784297)	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(4280784297)

Conversions

Conversions Part 1

Format	Color
Hex	2795A9
RGB	39, 149, 169
RGB Percent	15%, 58%, 66%
CMY	0.8471, 0.4157, 0.3373
CMYK	0.77, 0.12, 0.00, 0.34
HSL	189°, 62%, 41%
HSV	189°, 77%, 66%
XYZ	18.7456, 24.7908, 41.3332
YIQ	118.3900, -71.9800, -17.1000

Conversions

Conversions Part 2

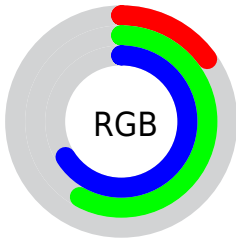
Format	Color
R_{YB}	39, 99, 169
Decimal	2594217
CIE _{Lab}	56.87, -23.06, -19.17
CIE _{LCh}	57, 29.987, 219.747
Yxy	24.7908, 0.2209, 0.2921
Android (android.graphics.Color)	4280784297 (0xFF2795A9)
YUV	118.3900, 24.9507, -69.6250
Hunter-Lab	49.7904, -19.9296, -14.3661

Details

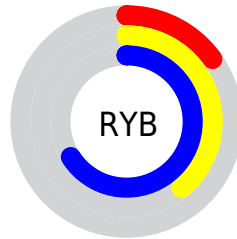
The Android color `4280784297` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289280807`, and the grayscale version is `4285953654`.

A 20% lighter version of the original color is `4285189088`, and `4278215285` is the 20% darker color. If you saturate the color by 10%, you get `4279669417`, and if you desaturate by 10%, it is `4281899177`.

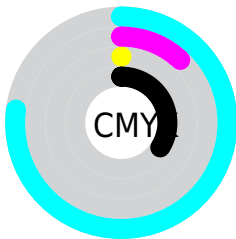
Distribution



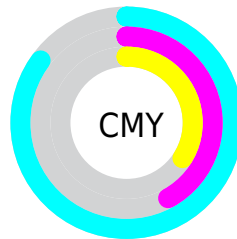
- Red (15%)
- Green (58%)
- Blue (66%)



- Red (15%)
- Yellow (39%)
- Blue (66%)



- Cyan (77%)
- Magenta (12%)
- Yellow (0%)
- Black (34%)



- Cyan (85%)
- Magenta (42%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280784297 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 4280784297 by changing the saturation by 10% instead.



4280784297



4280784297

4294967295



4278221711



4285189088



4278215285



4287097085



4278209116



4289069055



4278203205



4290969599



4278198062



4292935679



4278190362

4294901759



4278190080



4280784297



4280784297



4279669417



4281899177

■ 4278554793

■ 4283013801

■ 4278226857

■ 4284128681

■ 4285243305

■ 4286292649

■ 4287407529

■ 4288522153

■ 4289637033

■ 4290751657

Harmonies

Analogous

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



4281702288



4280784297



4282880185

Triad

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



4280784297



4289755035



4287793748

Complementary

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



4280784297



4289280807

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.



4289298776



4280784297



4290540673

Square

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



4280784297



4288118705



4290279528



4285895007

Rectangle

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



4280784297



4284713916



4290279528



4288317268

Sweetspot

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



4280784297



4289320155



4280789306



4283394414



4293783021



4285427310

Same Dimension

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



4280784297



4279418075



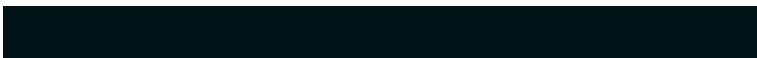
4280767913



4283192148



4278222228



4278194452

Inverse Universe

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



4289275797



4292547260



4289297191



4283714643



4287889533



4279500817

Previews

White Background



This preview shows how the Android color 4280784297 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 4280784297 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

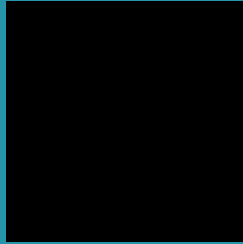
Any Text WCAG AA ✓ Pass

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 4280784297 Background



This preview shows how black text looks on a background with the Android color 4280784297.

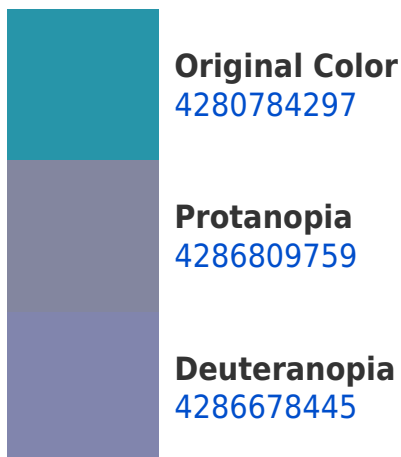


This preview shows how white text looks on a background with the Android color 4280784297.

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
4280784297

Protanomaly
4284648355

Deuteranomaly
4284517292

Tritanomaly
4280522405

Monochromacy



Original Color
4280784297

Achromatopsia
4285953654

Achromatomaly
4284055945

CSS Examples

Text

The CSS property to change the color of the text to Android 4280784297 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(39, 149, 169)` looks like.

```
.text, #text, p{  
    color:rgb(39, 149, 169)  
}
```

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(39, 149, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 149, 169) }
```

Border

The CSS property to change the border of an element to Android 4280784297 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(39, 149, 169) }
```

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

```
.border{ border-color:rgb(39, 149, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 149, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 149, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 149, 169);  
box-shadow:4px 4px 4px 4px rgb(39, 149,  
169) }
```

Background

The CSS property to change the background color of an element to Android 4280784297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 149, 169) }
```

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

```
.background{ background-color: rgb(39, 149,  
169) }
```

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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