

Converting Colors

Android(4280590512)

Have a look what the booklet for
Android(4280590512) contains.

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Color

Android(4280590512)

Conversions

Conversions Part 1

Format	Color
Hex	24A0B0
RGB	36, 160, 176
RGB Percent	14%, 63%, 69%
CMY	0.8588, 0.3725, 0.3098
CMYK	0.80, 0.09, 0.00, 0.31
HSL	187°, 66%, 42%
HSV	187°, 80%, 69%
XYZ	21.1348, 28.6513, 45.4906
YIQ	124.7480, -79.0400, -21.3120

Conversions

Conversions Part 2

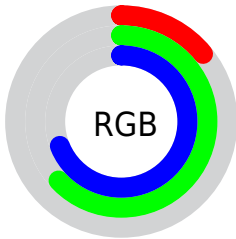
Format	Color
RYB	36, 102, 176
Decimal	2400432
CIELab	60.47, -26.71, -17.67
CIELCh	60, 32.020, 213.483
Yxy	28.6513, 0.2218, 0.3007
Android (android.graphics.Color)	4280590512 (0xFF24A0B0)
YUV	124.7480, 25.2672, -77.8320
Hunter-Lab	53.5269, -23.1922, -12.9197

Details

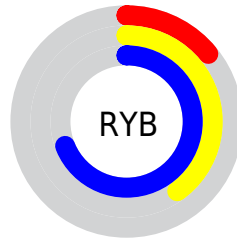
The Android color `4280590512` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289737764`, and the grayscale version is `4286414205`.

A 20% lighter version of the original color is `4285192168`, and `4278217851` is the 20% darker color. If you saturate the color by 10%, you get `4279410352`, and if you desaturate by 10%, it is `4281770672`.

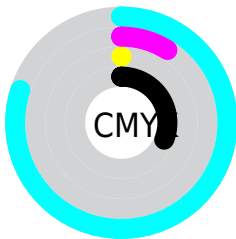
Distribution



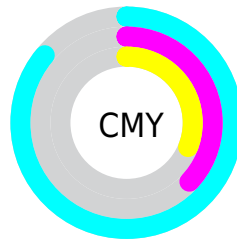
- Red (14%)
- Green (63%)
- Blue (69%)



- Red (14%)
- Yellow (40%)
- Blue (69%)



- Cyan (80%)
- Magenta (9%)
- Yellow (0%)
- Black (31%)



- Cyan (86%)
- Magenta (37%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280590512 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 4280590512 by changing the saturation by 10% instead.



4280590512



4280590512

4294967295



4278224533



4285192168



4278217851



4287165695



4278211427



4289134591



4278205515



4291100671



4278199860



4293066751



4278191391



4278190083



4278190080



4280590512



4280590512

■ 4279410352

■ 4281770672

■ 4278295728

■ 4282885296

■ 4278230192

■ 4284065456

■ 4285180080

■ 4286360240

■ 4287540400

■ 4288655024

■ 4289835184

■ 4290949808

Harmonies

Analogous

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



4282229140



4280590512



4282424260

Triad

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



4280590512



4290281644



4288844121

Complementary

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



4280590512



4289737764

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.



4290348896



4280590512



4291329168

Square

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



4280590512



4288317889



4291264372



4286814562

Rectangle

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



4280590512



4284520137



4291264372



4289367642

Sweetspot

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



4280590512



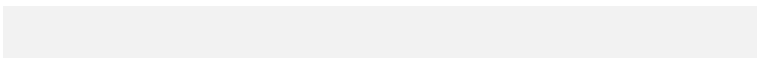
4289650662



4280594482



4283527027



4294111986



4285756275

Same Dimension

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



4280590512



4278963686



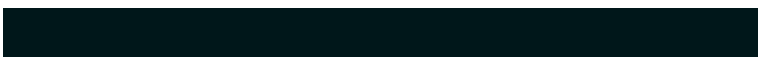
4280573104



4283455577



4278225049



4278195994

Inverse Universe

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



4289733792



4293266381



4289755172



4284043352



4288217224



4279894039

Previews

White Background



This preview shows how the Android color 4280590512 looks on a white background.

Color Contrast Check

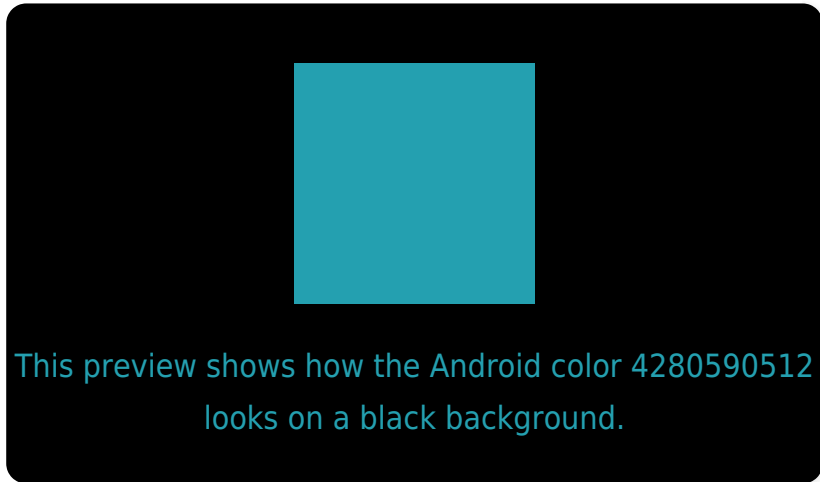
Large Text (above 18pt) WCAG AA ✓ Pass

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

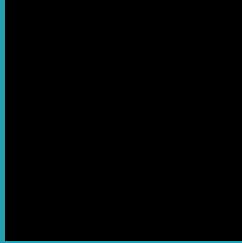
Any Text WCAG AA ✓ Pass

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 4280590512 Background



This preview shows how black text looks on a background with the Android color 4280590512.

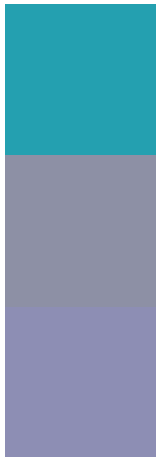


This preview shows how white text looks on a background with the Android color 4280590512.

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
4280590512

Protanopia
4287467685

Deuteranopia
4287467188

Trichromacy



Original Color

4280590512



Protanomaly

4284978857



Deuteranomaly

4284978611



Tritanomaly

4280459438

Monochromacy



Original Color

4280590512



Achromatopsia

4286414205



Achromatomaly

4284320400

CSS Examples

Text

The CSS property to change the color of the text to Android 4280590512 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(36, 160, 176)` looks like.

```
.text, #text, p{  
    color:rgb(36, 160, 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(36, 160, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 160, 176) }
```

Border

The CSS property to change the border of an element to Android 4280590512 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(36, 160, 176) }
```

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

```
.border{ border-color:rgb(36, 160, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 160, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 160, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 160, 176);  
box-shadow:4px 4px 4px 4px rgb(36, 160,  
176) }
```

Background

The CSS property to change the background color of an element to Android 4280590512 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 160, 176) }
```

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

```
.background{ background-color: rgb(36, 160,  
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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