

Converting Colors

Android(4280049010)

Have a look what the booklet for
Android(4280049010) contains.

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Color

Android(4280049010)

Conversions

Conversions Part 1

Format	Color
Hex	1C5D72
RGB	28, 93, 114
RGB Percent	11%, 36%, 45%
CMY	0.8902, 0.6353, 0.5529
CMYK	0.75, 0.18, 0.00, 0.55
HSL	195°, 61%, 28%
HSV	195°, 75%, 45%
XYZ	7.4305, 9.2905, 17.3212
YIQ	75.9590, -45.4810, -7.2490

Conversions

Conversions Part 2

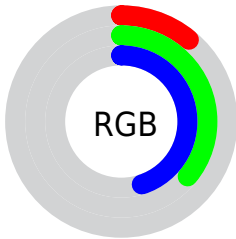
Format	Color
RYB	28, 65, 114
Decimal	1858930
CIELab	36.54, -12.66, -17.79
CIElCh	37, 21.832, 234.555
Yxy	9.2905, 0.2183, 0.2729
Android (android.graphics.Color)	4280049010 (0xFF1C5D72)
YUV	75.9590, 18.7542, -42.0600
Hunter-Lab	30.4803, -9.8257, -12.3568




Details

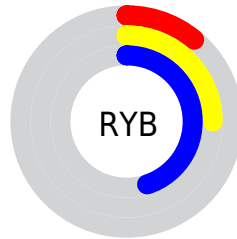
The Android color `4280049010` is a dark color, and the websafe version is hex `336666`. A complement of this color would be `4285673756`, and the grayscale version is `4283190348`.




A 20% lighter version of the original color is `4283797414`, and `4278202178` is the 20% darker color. If you saturate the color by 10%, you get `4279327346`, and if you desaturate by 10%, it is `4280770674`.

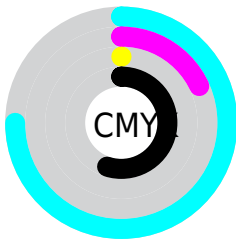
Distribution







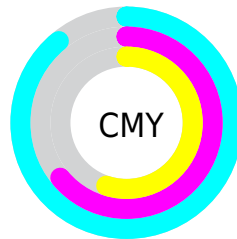
-  Red (11%)
-  Green (36%)
-  Blue (45%)






-  Red (11%)
-  Yellow (25%)
-  Blue (45%)



-  Cyan (75%)
-  Magenta (18%)
-  Yellow (0%)
-  Black (55%)



-  Cyan (89%)
-  Magenta (64%)
-  Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280049010 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 4280049010 by changing the saturation by 10% instead.



4280049010



4280049010

4294967295



4278207833



4283797414



4278202178



4285573825



4278197036



4287415773



4278190359



4289192442



4278190080



4291100415



4292935679

4294901759



4280049010



4280049010

■ 4279327346

■ 4280770674

■ 4278540146

■ 4281557874

■ 4278212210

■ 4282279282

■ 4283066482

■ 4283788146

■ 4284509810

■ 4285296754

■ 4286018418

■ 4286805618

Harmonies

Analogous

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



4279590756



4280049010



4281883001

Triad

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



4280049010



4285942106



4283652406

Complementary

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



4280049010



4285673756

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.



4284830771



4280049010



4286073160

Square

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



4280049010



4285090922



4285681210



4282342721

Rectangle

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



4280049010



4283127160



4285681210



4284045364

Sweetspot

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



4280049010



4285697172



4280054320



4281681226



4291414473



4283058762

Same Dimension

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



4280049010



4279071636



4280038258



4281481016



4278213496



4278238199

Inverse Universe

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



4285668445



4287892851



4285684508



4281872951



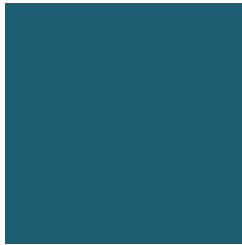
4286054491



4294377659

Previews

White Background



This preview shows how the Android color 4280049010 looks on a white background.

Color Contrast Check

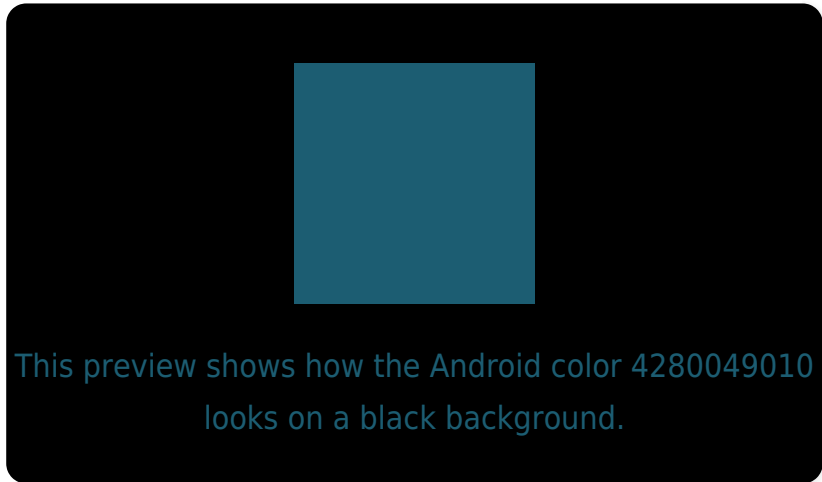
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

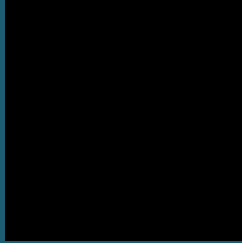
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

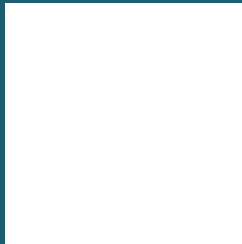
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280049010 Background



This preview shows how black text looks on a background with the Android color 4280049010.



This preview shows how white text looks on a background with the Android color 4280049010.

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

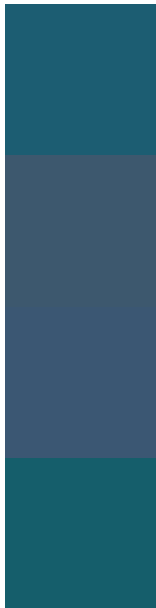


Original Color
4280049010

Protanopia
4283454828

Deuteranopia
4283257972

Trichromacy



Original Color
4280049010

Protanomaly
4282210414

Deuteranomaly
4282079091

Tritanomaly
4279590507

Monochromacy



Original Color
4280049010

Achromatopsia
4283190348

Achromatomaly
4282077786

CSS Examples

Text

The CSS property to change the color of the text to Android 4280049010 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(28, 93, 114)` looks like.

```
.text, #text, p{  
    color:rgb(28, 93, 114)  
}
```

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(28, 93, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 93, 114) }
```

Border

The CSS property to change the border of an element to Android 4280049010 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(28, 93, 114) }
```

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

```
.border{ border-color:rgb(28, 93, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 93, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 93, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 93, 114);  
box-shadow:4px 4px 4px 4px rgb(28, 93,  
114) }
```

Background

The CSS property to change the background color of an element to Android 4280049010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 93, 114) }
```

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

```
.background{ background-color: rgb(28, 93,  
114) }
```

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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