

Converting Colors

Android(4287086016)

Have a look what the booklet for
Android(4287086016) contains.

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Color

Android(4287086016)

Conversions

Conversions Part 1

Format	Color
Hex	87BDC0
RGB	135, 189, 192
RGB Percent	53%, 74%, 75%
CMY	0.4706, 0.2588, 0.2471
CMYK	0.30, 0.02, 0.00, 0.25
HSL	183°, 31%, 64%
HSV	183°, 30%, 75%
XYZ	37.7037, 45.3519, 56.6358
YIQ	173.1960, -33.1470, -10.5150

Conversions

Conversions Part 2

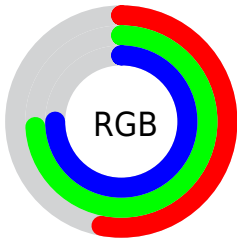
Format	Color
RYB	135, 163, 192
Decimal	8895936
CIELab	73.12, -16.77, -7.18
CIElCh	73, 18.243, 203.193
Yxy	45.3519, 0.2699, 0.3247
Android (android.graphics.Color)	4287086016 (0xFF87BDC0)
YUV	173.1960, 9.2704, -33.4979
Hunter-Lab	67.3438, -17.9150, -2.7219

Details

The Android color `4287086016` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4290808455`, and the grayscale version is `4289572269`.

A 20% lighter version of the original color is `4290704888`, and `4283664523` is the 20% darker color. If you saturate the color by 10%, you get `4285840576`, and if you desaturate by 10%, it is `4288331456`.

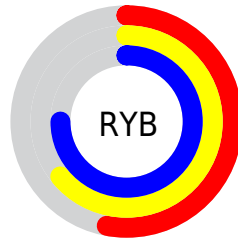
Distribution



Red (53%)

Green (74%)

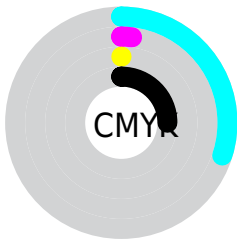
Blue (75%)



Red (53%)

Yellow (64%)

Blue (75%)

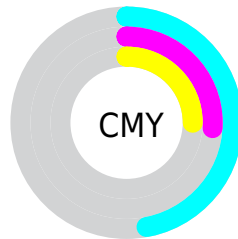


Cyan (30%)

Magenta (2%)

Yellow (0%)

Black (25%)



Cyan (47%)

Magenta (26%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4287086016 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 4287086016 by changing the saturation by 10% instead.



4287086016



4287086016

4294967295



4285375141



4290704888



4283664523



4292542463



4281953905



4294443007



4280178265



4278206017



4278200363



4278195223



4278190080



4287086016



4287086016

■ 4285840576

■ 4288331456

■ 4284595136

■ 4289576896

■ 4283284160

■ 4290887872

■ 4282038720

■ 4292133312

■ 4280793280

■ 4293378752

■ 4279547840

■ 4294624192

■ 4278302400

■ 4294952128

■ 4278236864

■ 4294952384

■ 4294952640

Harmonies

Analogous

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



4287610287



4287086016



4287413198

Triad

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



4287086016



4291210184



4291080595

Complementary

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



4287086016



4290808455

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.



4291931289



4287086016



4292061368

Square

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



4287086016



4289901010



4292323495



4289967765

Rectangle

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



4287086016



4288067795



4292323495



4291407764

Sweetspot

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



4287086016



4293130746



4287086730



4285496445



4294769916



4286414205

Same Dimension

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



4287086016



4288738810



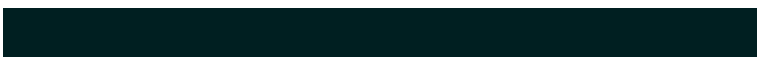
4287078848



4283916385



4278229153



4278198049

Inverse Universe

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



4290807741



4294615285



4290815623



4284569440



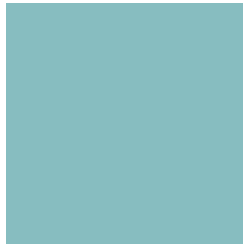
4288741528



4280352799

Previews

White Background



This preview shows how the Android color 4287086016 looks on a white background.

Color Contrast Check

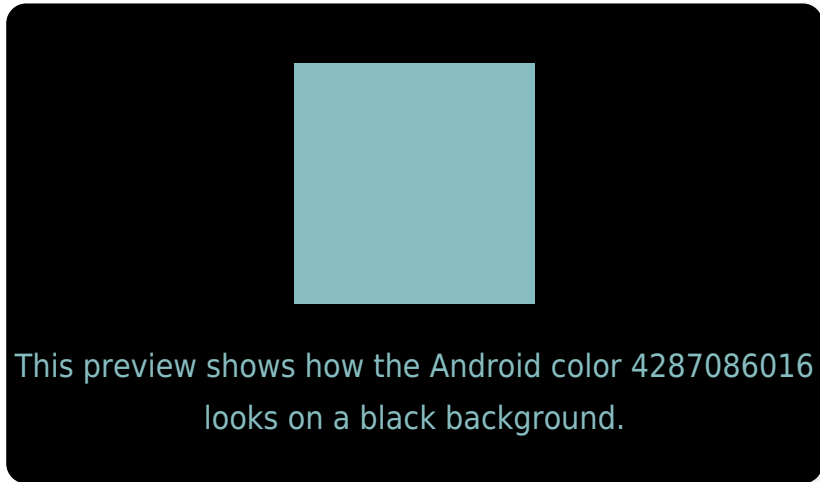
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

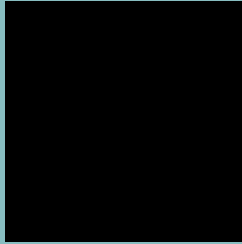
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Android 4287086016 Background



This preview shows how black text looks on a background with the Android color 4287086016.



This preview shows how white text looks on a background with the Android color 4287086016.

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



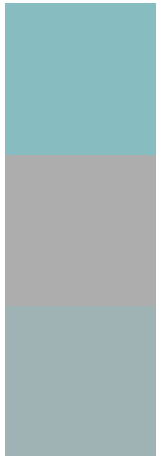
Original Color
4287086016

Protanomaly
4288984764

Deuteranomaly
4289311682

Tritanomaly
4287151302

Monochromacy



Original Color
4287086016

Achromatopsia
4289572269

Achromatomaly
4288656308

CSS Examples

Text

The CSS property to change the color of the text to Android 4287086016 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(135, 189, 192)` looks like.

```
.text, #text, p{  
    color:rgb(135, 189, 192)  
}
```

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(135, 189, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 189, 192) }
```

Border

The CSS property to change the border of an element to Android 4287086016 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(135, 189, 192) }
```

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

```
.border{ border-color:rgb(135, 189, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(135, 189, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 189, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 189, 192);  
box-shadow:4px 4px 4px 4px rgb(135, 189,  
192) }
```

Background

The CSS property to change the background color of an element to Android 4287086016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 189, 192) }
```

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

```
.background{ background-color: rgb(135,  
189, 192) }
```

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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