

# Converting Colors

Android(4286632164)

Have a look what the booklet for  
Android(4286632164) contains.

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# **Color**

**Android(4286632164)**

# Conversions

## Conversions Part 1

Format	Color
Hex	80D0E4
RGB	128, 208, 228
RGB Percent	50%, 82%, 89%
CMY	0.4980, 0.1843, 0.1059
CMYK	0.44, 0.09, 0.00, 0.11
HSL	192°, 65%, 70%
HSV	192°, 44%, 89%
XYZ	45.4616, 55.3024, 81.6771
YIQ	186.3600, -54.1000, -10.7400

# Conversions

## Conversions Part 2

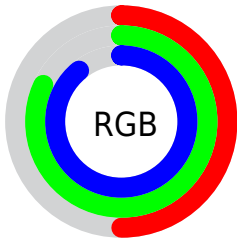
Format	Color
<a href="#">RYB</a>	<a href="#">128, 172, 228</a>
Decimal	<a href="#">8442084</a>
CIELab	<a href="#">79.22, -19.38, -17.56</a>
CIElCh	<a href="#">79, 26.155, 222.172</a>
Yxy	<a href="#">55.3024, 0.2492, 0.3031</a>
Android (android.graphics.Color)	<a href="#">4286632164</a> ( <a href="#">0xFF80D0E4</a> )
YUV	<a href="#">186.3600, 20.5285, -51.1817</a>
Hunter-Lab	<a href="#">74.3656, -21.0182, -13.0634</a>

# Details

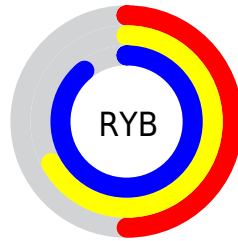
The Android color `4286632164` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4293170304`, and the grayscale version is `4290427578`.

A 20% lighter version of the original color is `4290379775`, and `4282882477` is the 20% darker color. If you saturate the color by 10%, you get `4285123556`, and if you desaturate by 10%, it is `4288140772`.

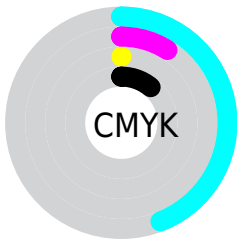
# Distribution



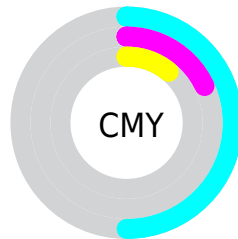
- Red (50%)
- Green (82%)
- Blue (89%)



- Red (50%)
- Yellow (67%)
- Blue (89%)



- Cyan (44%)
- Magenta (9%)
- Yellow (0%)
- Black (11%)

















- Cyan (50%)
- Magenta (18%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286632164 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 4286632164 by changing the saturation by 10% instead.



 4286632164	 4286632164
4294967295	 4284789960
 4290379775	 4282882477
 4292280319	 4280713106
 4294246399	 4278216312
	 4278210143
	 4278204232
	 4278198833
	 4278190621
	 4278190080

■ 4286632164

■ 4286632164

■ 4285123556

■ 4288140772

■ 4283615204

■ 4289649124

■ 4282172132

■ 4291092196

■ 4280663780

■ 4292600548

■ 4279155172

■ 4294109156

■ 4278236900

■ 4294962148

■ 4294963428

■ 4294964452

■ 4294965732

# Harmonies

## Analogous

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



4286763726



4286632164



4287941618

# Triad

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



4286632164



4293702868



4291610260

# Complementary

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



4286632164



4293170304

# 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.



4293115542



4286632164



4294357947

# Square

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



4286632164



4292131816



4294162085



4289842592

# Rectangle

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



4286632164



4289316596



4294162085



4292199316

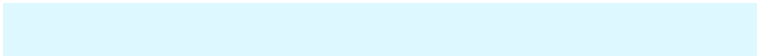


# Sweetspot

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



4286632164



4292802815



4286637204



4285234048



4278190080



4286611584

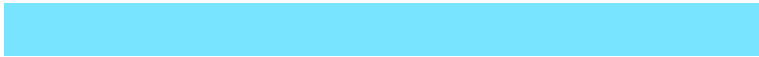


# Same Dimension

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



4286632164



4286113023



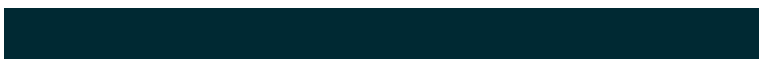
4286619364



4284969075



4278226867



4278200627



# Inverse Universe

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



4293165264



4294932708



4293183104



4285753200



4289921167

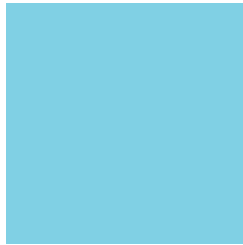


4281532457



# Previews

## White Background



This preview shows how the Android color 4286632164 looks on a white background.

## Color Contrast Check

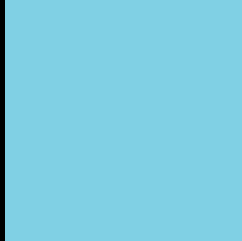
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Android color 4286632164 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 ✓ Pass

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



# Android 4286632164 Background



This preview shows how black text looks on a background with the Android color 4286632164.



This preview shows how white text looks on a background with the Android color 4286632164.

# 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



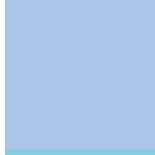
**Original Color**

4286632164



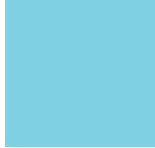
**Protanomaly**

4289316830



**Deuteranomaly**

4289447399



**Tritanomaly**

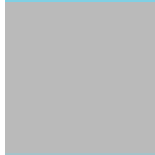
4286566626

# Monochromacy



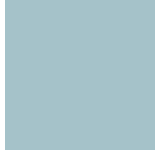
**Original Color**

4286632164



**Achromatopsia**

4290427578



**Achromatomaly**

4289053385

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286632164 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(128, 208, 228)` looks like.

```
.text, #text, p{  
    color:rgb(128, 208, 228)  
}
```

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(128, 208, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 208, 228) }
```

## Border

The CSS property to change the border of an element to Android 4286632164 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(128, 208, 228) }
```

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

```
.border{ border-color:rgb(128, 208, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 208, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 208, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 208, 228);  
box-shadow:4px 4px 4px 4px rgb(128, 208,  
228) }
```

# Background

The CSS property to change the background color of an element to Android 4286632164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 208, 228) }
```

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

```
.background{ background-color: rgb(128,  
208, 228) }
```

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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