

# Converting Colors

Android(4286102718)

Have a look what the booklet for  
Android(4286102718) contains.

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# **Color**

**Android(4286102718)**

# Conversions

## Conversions Part 1

Format	Color
Hex	78BCBE
RGB	120, 188, 190
RGB Percent	47%, 74%, 75%
CMY	0.5294, 0.2627, 0.2549
CMYK	0.37, 0.01, 0.00, 0.25
HSL	182°, 35%, 61%
HSV	182°, 37%, 75%
XYZ	35.0232, 43.6772, 55.2998
YIQ	167.8960, -41.1700, -13.7940

# Conversions

## Conversions Part 2

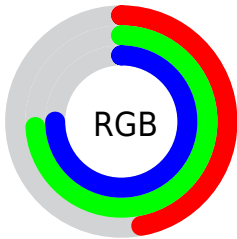
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	120, 154, 190
Decimal	7912638
CIE <sub>Lab</sub>	72.01, -20.90, -7.82
CIE <sub>LCh</sub>	72, 22.318, 200.524
Yxy	43.6772, 0.2614, 0.3259
Android (android.graphics.Color)	4286102718 (0xFF78BCBE)
YUV	167.8960, 10.8973, -42.0048
Hunter-Lab	66.0887, -21.0606, -3.3489

# Details

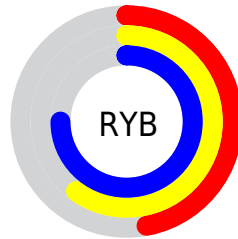
The Android color `4286102718` is a light color, and the websafe version is hex `99CCCC`. A complement of this color would be `4290673272`, and the grayscale version is `4289243304`.

A 20% lighter version of the original color is `4289721590`, and `4282550153` is the 20% darker color. If you saturate the color by 10%, you get `4284857278`, and if you desaturate by 10%, it is `4287348158`.

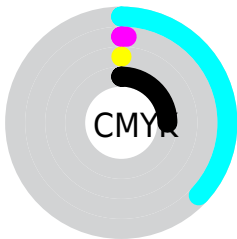
# Distribution



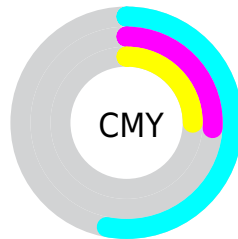
- Red (47%)
- Green (74%)
- Blue (75%)



- Red (47%)
- Yellow (60%)
- Blue (75%)



- Cyan (37%)
- Magenta (1%)
- Yellow (0%)
- Black (25%)



- Cyan (53%)
- Magenta (26%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4286102718 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 4286102718 by changing the saturation by 10% instead.



 4286102718


 4286102718

4294967295

 4284326307

 4289721590

 4282550153

 4291624959

 4280708463

 4293459967

 4278211927

 4278205760

 4278200106

 4278193686

 4278190080

 4286102718

 4286102718

 4284857278


 4287348158

 4283612094

 4288593342

 4282366654

 4289838782

 4281121470

 4291083966

 4279876030

 4292329406

 4278630846

 4293574590

 4278237630

 4294820030

 4294951102

 4294951358

# Harmonies

## Analogous

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



4286954665



4286102718



4286364111

# Triad

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



4286102718



4291143627



4291210633

# Complementary

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



4286102718



4290673272

# 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.



4292192146



4286102718



4292191160

# Square

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



4286102718



4289441494



4292584099



4289836170

# Rectangle

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



4286102718



4287149782



4292584099



4291603339



# Sweetspot

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



4286102718



4292671479



4286103161



4285365373



4294769916



4286414205



# Same Dimension

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



4286102718



4287362295



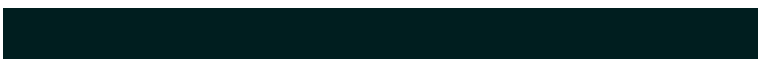
4286094014



4283784798



4278229662



4278197791



# Inverse Universe

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



4290672828



4294413300



4290681976



4284372318



4288544922

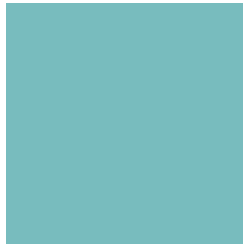


4280221726



# Previews

## White Background



This preview shows how the Android color 4286102718 looks on a white background.

## Color Contrast Check

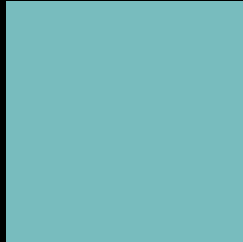
Large Text (above 18pt) WCAG AA × Fail

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 4286102718 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 4286102718 Background



This preview shows how black text looks on a background with the Android color 4286102718.



This preview shows how white text looks on a background with the Android color 4286102718.

# 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



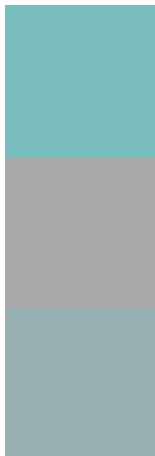
**Original Color**  
4286102718

**Protanomaly**  
4288459961

**Deuteranomaly**  
4288786881

**Tritanomaly**  
4286233541

# Monochromacy



**Original Color**  
4286102718

**Achromatopsia**  
4289243304

**Achromatomaly**  
4288130992

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4286102718 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(120, 188, 190)` looks like.

```
.text, #text, p{  
    color:rgb(120, 188, 190)  
}
```

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(120, 188, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(120, 188, 190) }
```

## Border

The CSS property to change the border of an element to Android 4286102718 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(120, 188, 190) }
```

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

```
.border{ border-color:rgb(120, 188, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(120, 188, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(120, 188, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(120, 188, 190);  
box-shadow:4px 4px 4px 4px rgb(120, 188,  
190) }
```

# Background

The CSS property to change the background color of an element to Android 4286102718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(120, 188, 190) }
```

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

```
.background{ background-color: rgb(120,  
188, 190) }
```

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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