

# Converting Colors

Android(4280790226)

Have a look what the booklet for  
Android(4280790226) contains.

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# **Color**

**Android(4280790226)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27ACD2
RGB	39, 172, 210
RGB Percent	15%, 67%, 82%
CMY	0.8471, 0.3255, 0.1765
CMYK	0.81, 0.18, 0.00, 0.18
HSL	193°, 69%, 49%
HSV	193°, 81%, 82%
XYZ	27.2221, 34.5895, 66.2145
YIQ	136.5650, -91.4660, -16.3780

# Conversions

## Conversions Part 2

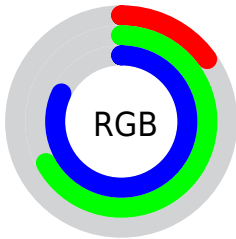
Format	Color
<a href="#">RYB</a>	<a href="#">39, 114, 210</a>
Decimal	<a href="#">2600146</a>
CIELab	<a href="#">65.43, -21.40, -29.05</a>
CIELCh	<a href="#">65, 36.082, 233.625</a>
Yxy	<a href="#">34.5895, 0.2126, 0.2702</a>
Android (android.graphics.Color)	<a href="#">4280790226 (0xFF27ACD2)</a>
YUV	<a href="#">136.5650, 36.2035, -85.5645</a>
Hunter-Lab	<a href="#">58.8129, -20.3021, -25.5826</a>

# Details

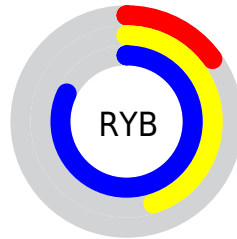
The Android color `4280790226` is a dark color, and the websafe version is hex `0099CC`. The color can be described as middle washed azure. A complement of this color would be `4291972391`, and the grayscale version is `4287137928`.

A 20% lighter version of the original color is `4285719807`, and `4278220955` is the 20% darker color. If you saturate the color by 10%, you get `4279412690`, and if you desaturate by 10%, it is `4282167762`.

# Distribution



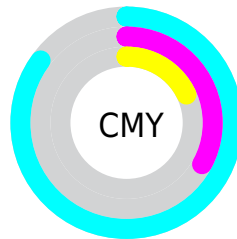
- Red (15%)
- Green (67%)
- Blue (82%)



- Red (15%)
- Yellow (45%)
- Blue (82%)



- Cyan (81%)
- Magenta (18%)
- Yellow (0%)
- Black (18%)



















- Cyan (85%)
- Magenta (33%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4280790226 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 4280790226 by changing the saturation by 10% instead.



 4280790226	 4280790226
4294967295	 4278227382
 4285719807	 4278220955
 4287758335	 4278214529
 4289789951	 4278208360
 4291821567	 4278202448
 4293787647	 4278197560
	 4278190627
	 4278190090
	 4278190080

■ 4280790226

■ 4280790226

■ 4279412690

■ 4282167762

■ 4278232018

■ 4283545042

■ 4284922578

■ 4286300114

■ 4287677394

■ 4289054930

■ 4290432466

■ 4291809746

■ 4293187282

# Harmonies

## Analogous

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



4279677112



4280790226



4284720351

# Triad

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



4280790226



4292445863



4288324963

# Complementary

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



4280790226



4291972391

# 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.



4290419550



4280790226



4292773767

# Square

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



4280790226



4290874822



4291989356



4285836407

# Rectangle

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



4280790226



4287143389



4291989356



4289110623

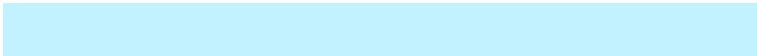


# Sweetspot

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



4280790226



4290966015



4280799820



4284184448



4278190080



4286611584

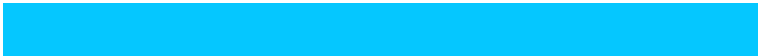


# Same Dimension

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



4280790226



4278568959



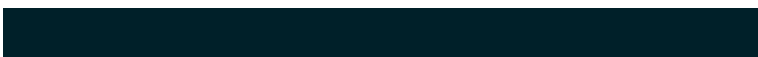
4280768466



4284376681



4278223784



4278198313



# Inverse Universe

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



4291962796



4294903239



4291994151



4285095526



4289200259



4280877088



# Previews

## White Background



This preview shows how the Android color 4280790226 looks on a white background.

## Color Contrast Check

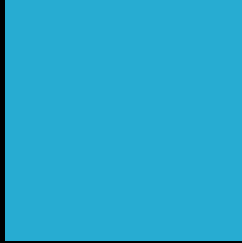
Large Text (above 18pt) WCAG AA × Fail

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 4280790226 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 4280790226 Background



This preview shows how black text looks on a background with the Android color 4280790226.



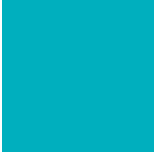
This preview shows how white text looks on a background with the Android color 4280790226.

# 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**

4280790226



**Protanomaly**

4285309642



**Deuteranomaly**

4285047509



**Tritanomaly**

4279152325

# Monochromacy



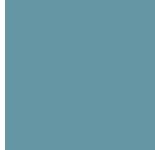
**Original Color**

4280790226



**Achromatopsia**

4287203721



**Achromatomaly**

4284847780

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4280790226 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(39, 172, 210)` looks like.

```
.text, #text, p{  
    color:rgb(39, 172, 210)  
}
```

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(39, 172, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 172, 210) }
```

## Border

The CSS property to change the border of an element to Android 4280790226 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(39, 172, 210) }
```

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

```
.border{ border-color:rgb(39, 172, 210) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 172, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 172, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 172, 210);  
box-shadow:4px 4px 4px 4px rgb(39, 172,  
210) }
```

# Background

The CSS property to change the background color of an element to Android 4280790226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 172, 210) }
```

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

```
.background{ background-color: rgb(39, 172,  
210) }
```

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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