

# Converting Colors

Android(4279510368)

Have a look what the booklet for  
Android(4279510368) contains.

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# Color

**Android(4279510368)**

# Conversions

Conversions Part 1	
Format	Color
Hex	142560
RGB	20, 37, 96
RGB Percent	8%, 15%, 38%
CMY	0.9216, 0.8549, 0.6235
CMYK	0.79, 0.61, 0.00, 0.62
HSL	227°, 66%, 23%
HSV	227°, 79%, 38%
XYZ	3.0614, 2.3164, 11.3521
YIQ	38.6430, -29.0710, 14.7450

# Conversions

## Conversions Part 2

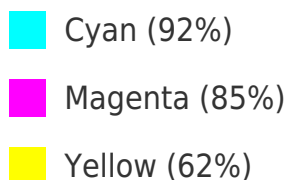
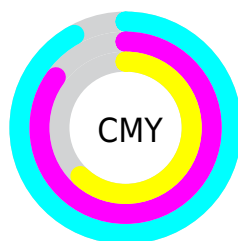
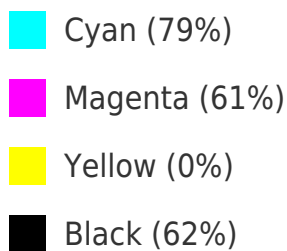
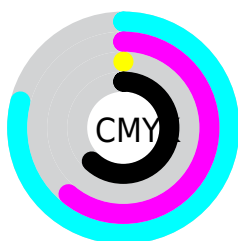
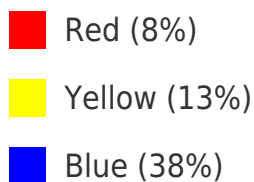
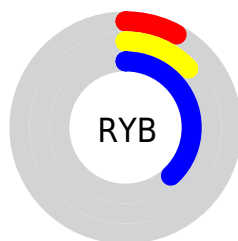
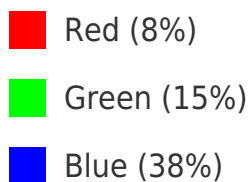
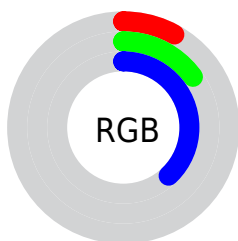
Format	Color
<a href="#">RYB</a>	<a href="#">20, 34, 96</a>
Decimal	<a href="#">1320288</a>
CIELab	<a href="#">17.07, 16.55, -37.12</a>
CIELCh	<a href="#">17, 40.644, 294.036</a>
Yxy	<a href="#">2.3164, 0.1830, 0.1385</a>
Android (android.graphics.Color)	<a href="#">4279510368</a> (0xFF142560)
YUV	<a href="#">38.6430, 28.2770, -16.3499</a>
Hunter-Lab	<a href="#">15.2197, 9.2701, -33.5696</a>

# Details

The Android color **4279510368** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **4284501780**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4283191699**, and **4278190385** is the 20% darker color. If you saturate the color by 10%, you get **4278853216**, and if you desaturate by 10%, it is **4280167520**.

# Distribution



# Brightness & Saturation Gradients

These gradients show how the Android color 4279510368 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 4279510368 by changing the saturation by 10% instead.



 4279510368

 4279510368

4294967295

 4278194504

 4283191699

 4278190385

 4284901806

 4278190363

 4286677706

 4278190080

 4288453862

 4290295807

 4292137983

 4294045695

 4279510368

 4279510368

 4278853216 4280167520 4278261344 4280759392 4278195552 4281416544 4282008416 4282665568 4283322976 4283914592 4284572000 4285163616

# Harmonies

## Analogous

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



4278202469



4279510368



4282782541

# Triad

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



4279510368



4283373824



4278203939

# Complementary

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



4279510368



4284501780

# 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.



4278203392



4279510368



4282001152

# Square

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



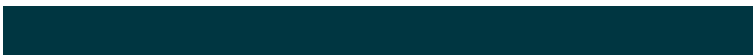
4279510368



4284089364



4280233728



4278203969

# Rectangle

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



4279510368



4283761723



4280233728



4278203673



# Sweetspot

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



4279510368



4284442237



4279525454



4281151808



4290756543



4282400832



# Same Dimension

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



4279510368



4278591869



4280816736



4281085232



4278196592



4278204144



# Inverse Universe

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



4284486693



4286383649



4283195412



4281347117



4285530137



4293918774



# Previews

## White Background



This preview shows how the Android color 4279510368 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



This preview shows how the Android color 4279510368 looks on a 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 4279510368 Background



This preview shows how black text looks on a background with the Android color 4279510368.



This preview shows how white text looks on a background with the Android color 4279510368.

# 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**  
4279510368

**Protanopia**  
4278200663

**Deuteranopia**  
4278201418



# Trichromacy



**Original Color**  
4279510368

**Protanomaly**  
4278659162

**Deuteranomaly**  
4278659410

**Tritanomaly**  
4278659907

# Monochromacy



**Original Color**  
4279510368

**Achromatopsia**  
4280756007

**Achromatomaly**  
4280297020

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4279510368 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(20, 37, 96)` looks like.

```
.text, #text, p{  
    color:rgb(20, 37, 96)  
}
```

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(20, 37, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 37, 96) }
```

## Border

The CSS property to change the border of an element to Android 4279510368 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(20, 37, 96) }
```

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

```
.border{ border-color:rgb(20, 37, 96) }
```

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

Here you see how a box with a 4 pixel rgb(20, 37, 96) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 37, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 37, 96);  
box-shadow:4px 4px 4px 4px rgb(20, 37, 96)  
}
```

# Background

The CSS property to change the background color of an element to Android 4279510368 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 37, 96) }
```

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

```
.background{ background-color: rgb(20, 37,  
96) }
```

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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