

# Converting Colors

Android(4282543779)

Have a look what the booklet for  
Android(4282543779) contains.

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# Color

**Android(4282543779)**

# Conversions

Conversions Part 1	
Format	Color
Hex	426EA3
RGB	66, 110, 163
RGB Percent	26%, 43%, 64%
CMY	0.7412, 0.5686, 0.3608
CMYK	0.60, 0.33, 0.00, 0.36
HSL	213°, 42%, 45%
HSV	213°, 60%, 64%
XYZ	14.4336, 14.9545, 36.7761
YIQ	102.8860, -43.2370, 7.1550

# Conversions

## Conversions Part 2

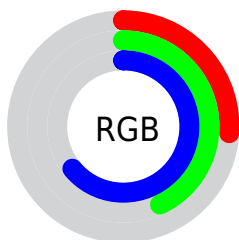
Format	Color
<a href="#">RYB</a>	<a href="#">66, 96, 163</a>
Decimal	<a href="#">4353699</a>
CIELab	<a href="#">45.57, 1.36, -33.12</a>
CIELCh	<a href="#">46, 33.153, 272.353</a>
Yxy	<a href="#">14.9545, 0.2181, 0.2260</a>
Android (android.graphics.Color)	<a href="#">4282543779</a> (0xFF426EA3)
YUV	<a href="#">102.8860, 29.6362, -32.3490</a>
Hunter-Lab	<a href="#">38.6710, -1.0509, -29.3151</a>

# Details

The Android color `4282543779` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288902978`, and the grayscale version is `4284966759`.

A 20% lighter version of the original color is `4286226906`, and `4278206319` is the 20% darker color. If you saturate the color by 10%, you get `4281492899`, and if you desaturate by 10%, it is `4283594659`.

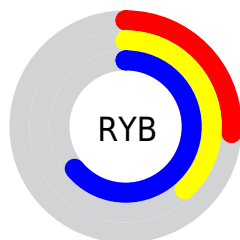
# Distribution



Red (26%)

Green (43%)

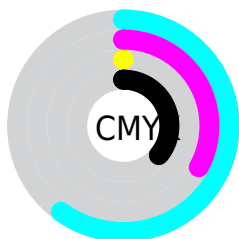
Blue (64%)



Red (26%)

Yellow (38%)

Blue (64%)

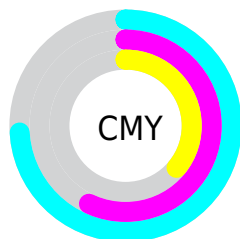


Cyan (60%)

Magenta (33%)

Yellow (0%)

Black (36%)



Cyan (74%)

Magenta (57%)

Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282543779 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 4282543779 by changing the saturation by 10% instead.



 4282543779

 4282543779

4294967295

 4280571529

 4286226906


 4278206319

 4288003319

 4278200662

 4289845503

 4278195519

 4291753215

 4278190888

 4293656575

 4278190354


 4278190080

 4282543779

 4282543779

 4281492899

 4283594659

 4280376483 4284711075 4279325603 4285761955 4278274723 4286812835 4278209187 4287929251 4288979875 4290030755 4291081635 4292198051

# Harmonies

## Analogous

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



4278220188



4282543779



4285621403

# Triad

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



4282543779



4288632912



4282087505

# Complementary

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



4282543779



4288902978

# 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.



4284379964



4282543779



4287717691

# Square

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



4282543779



4288632171



4286278451



4278221421

# Rectangle

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



4282543779



4287126926



4286278451



4282939209



# Sweetspot

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



4282543779



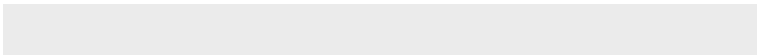
4289642452



4282557302



4283719275



4293651435



4285229931



# Same Dimension

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



4282543779



4282221268



4282729123



4282994002



4278207121



4278192146



# Inverse Universe

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



4288889454



4292099458



4288717634



4283582797



4287692866



4279369736



# Previews

## White Background



This preview shows how the Android color 4282543779 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 × Fail

# Black Background



This preview shows how the Android color 4282543779 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4282543779 Background



This preview shows how black text looks on a background with the Android color 4282543779.

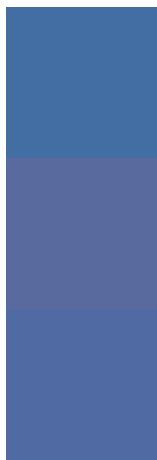


This preview shows how white text looks on a background with the Android color 4282543779.

# 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**

4282543779

**Protanopia**

4284050079

**Deuteranopia**

4283460516



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282543779 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(66, 110, 163)` looks like.

```
.text, #text, p{  
    color:rgb(66, 110, 163)  
}
```

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(66, 110, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 110, 163) }
```

## Border

The CSS property to change the border of an element to Android 4282543779 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(66, 110, 163) }
```

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

```
.border{ border-color:rgb(66, 110, 163) }
```

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

Here you see how a box with a 4 pixel rgb(66, 110, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 110, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 110, 163);  
box-shadow:4px 4px 4px 4px rgb(66, 110,  
163) }
```

# Background

The CSS property to change the background color of an element to Android 4282543779 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(66, 110, 163) }
```

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

```
.background{ background-color:rgb(66, 110,  
163) }
```

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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