

# Converting Colors

Android(4287790514)

Have a look what the booklet for  
Android(4287790514) contains.

<b>Android(4287790514)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# **Color**

**Android(4287790514)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	927DB2
RGB	146, 125, 178
RGB Percent	57%, 49%, 70%
CMY	0.4275, 0.5098, 0.3020
CMYK	0.18, 0.30, 0.00, 0.30
HSL	264°, 26%, 59%
HSV	264°, 30%, 70%
XYZ	27.2236, 23.9926, 45.3157
YIQ	137.3210, -4.4970, 20.9350

# Conversions

## Conversions Part 2

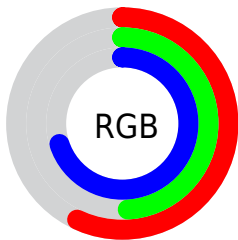
Format	Color
<a href="#">RYB</a>	<a href="#">146, 125, 178</a>
Decimal	<a href="#">9600434</a>
CIELab	<a href="#">56.08, 18.90, -25.05</a>
CIELCh	<a href="#">56, 31.376, 307.034</a>
Yxy	<a href="#">23.9926, 0.2820, 0.2485</a>
Android (android.graphics.Color)	<a href="#">4287790514</a> ( <a href="#">0xFF927DB2</a> )
YUV	<a href="#">137.3210, 20.0547, 7.6115</a>
Hunter-Lab	<a href="#">48.9822, 13.4887, -20.5643</a>

# Details

The Android color `4287790514` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4288524925`, and the grayscale version is `4287203721`.

A 20% lighter version of the original color is `4291408618`, and `4284435581` is the 20% darker color. If you saturate the color by 10%, you get `4287065010`, and if you desaturate by 10%, it is `4288516018`.

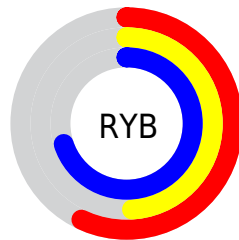
# Distribution



Red (57%)

Green (49%)

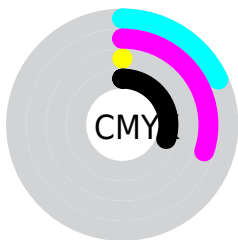
Blue (70%)



Red (57%)

Yellow (49%)

Blue (70%)

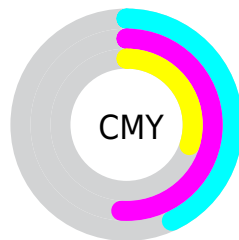


Cyan (18%)

Magenta (30%)

Yellow (0%)

Black (30%)



Cyan (43%)

Magenta (51%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4287790514 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 4287790514 by changing the saturation by 10% instead.



 4287790514

 4287790514

4294967295

 4286080151

 4291408618

 4284435581

 4293250559

 4282791268

 4294961663

 4281278284

 4279765557

 4278190111

 4278190083

 4278190080

 4287790514

 4287790514

4287065010

4288516018

4286405042

4289175986

4285679794

4289901234

4284954290

4290626738

4284228786

4291352242

4283568818

4292012210

4282843314

4292737714

4293459890

4294180786

# Harmonies

## Analogous

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



4285171644



4287790514



4289623196

# Triad

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



4287790514



4289363285



4281243020

# Complementary

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



4287790514



4288524925

# 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.



4283667312



4287790514



4287792976

# Square

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



4287790514



4290344295



4285894234



4279473318

# Rectangle

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



4287790514



4290277770



4285894234



4282094979



# Sweetspot

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



4287790514



4292596712



4286422706



4285425781



4294309365



4285887861



# Same Dimension

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



4287790514



4290156008



4289494450



4283715673



4282187929



4278845466



# Inverse Universe

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



4289887645



4293432775



4286820989



4284043350



4288217180

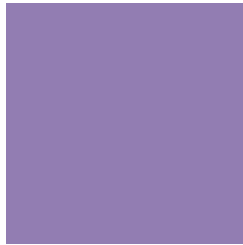


4279894031



# Previews

## White Background



This preview shows how the Android color 4287790514 looks on a white background.

## Color Contrast Check

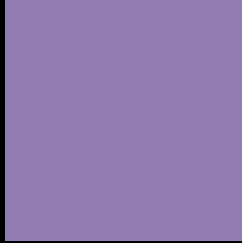
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

# Black Background



This preview shows how the Android color 4287790514 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 × Fail

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



# Android 4287790514 Background



This preview shows how black text looks on a background with the Android color 4287790514.



This preview shows how white text looks on a background with the Android color 4287790514.

# 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**  
4287790514

**Protanopia**  
4286088632

**Deuteranopia**  
4286416049



# Trichromacy



**Original Color**  
4287790514

**Protanomaly**  
4286677686

**Deuteranomaly**  
4286939569

**Tritanomaly**  
4287529371

# Monochromacy



**Original Color**  
4287790514

**Achromatopsia**  
4287203721

**Achromatomaly**  
4287399320

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4287790514 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(146, 125, 178)` looks like.

```
.text, #text, p{  
    color:rgb(146, 125, 178)  
}
```

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(146, 125, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(146, 125, 178) }
```

## Border

The CSS property to change the border of an element to Android 4287790514 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(146, 125, 178) }
```

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

```
.border{ border-color:rgb(146, 125, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(146, 125, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(146, 125, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(146, 125, 178); box-shadow:4px 4px 4px 4px rgb(146, 125, 178) }
```

# Background

The CSS property to change the background color of an element to Android 4287790514 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(146, 125, 178) }
```

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

```
.background{ background-color: rgb(146,  
125, 178) }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor