

# Converting Colors

Android(4282226944)

Have a look what the booklet for  
Android(4282226944) contains.

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# Color

**Android(4282226944)**

# Conversions

Conversions Part 1	
Format	Color
Hex	3D9900
RGB	61, 153, 0
RGB Percent	24%, 60%, 0%
CMY	0.7608, 0.4000, 1.0000
CMYK	0.60, 0.00, 1.00, 0.40
HSL	96°, 100%, 30%
HSV	96°, 100%, 60%
XYZ	13.3157, 23.7746, 3.8871
YIQ	108.0500, -5.7190, -67.0870

# Conversions

## Conversions Part 2

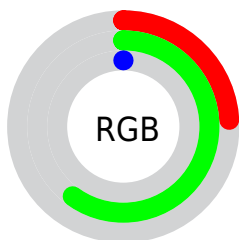
Format	Color
<a href="#">RYB</a>	<a href="#">0, 153, 92</a>
Decimal	<a href="#">4036864</a>
CIELab	<a href="#">55.86, -50.06, 58.04</a>
CIELCh	<a href="#">56, 76.652, 130.778</a>
Yxy	<a href="#">23.7746, 0.3250, 0.5802</a>
Android (android.graphics.Color)	<a href="#">4282226944</a> (0xFF3D9900)
YUV	<a href="#">108.0500, -53.2687, -41.2629</a>
Hunter-Lab	<a href="#">48.7592, -36.5818, 29.4047</a>

# Details

The Android color **4282226944** is a dark color, and the websafe version is hex **339900**. A complement of this color would be **4284219545**, and the grayscale version is **4285361517**.

A 20% lighter version of the original color is **4286107718**, and **4278215936** is the 20% darker color. If you saturate the color by 10%, you get **4282226944**, and if you desaturate by 10%, it is **4282816783**.

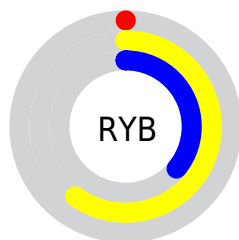
# Distribution



Red (24%)

Green (60%)

Blue (0%)



Red (0%)

Yellow (60%)

Blue (36%)

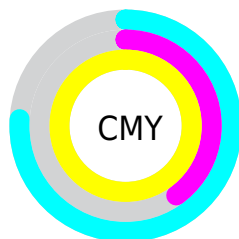


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (40%)



Cyan (76%)

Magenta (40%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282226944 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 4282226944 by changing the saturation by 10% instead.



 4282226944

 4282226944

4294967295

 4279795200

 4286107718

 4278215936

 4288015713

 4278209536

 4289920893

 4278203392

 4291821464

 4278197504

 4293787572

 4278190080

 4294967249

 4294967278

 4282226944

 4282816783

 4283406623

 4284061998

 4284651837

 4285241677

 4285831516

 4286421355

 4287076730

 4287666570

# Harmonies

## Analogous

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



4287400704



4282226944



4278231127

# Triad

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



4282226944



4278229503



4294587249

# Complementary

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



4282226944



4284219545

# 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.



4293214643



4282226944



4278224639

# Square

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



4282226944



4278231516



4288964588



4293611825

# Rectangle

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



4282226944



4278231686



4288964588



4294390407



# Sweetspot

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



4282226944



4288923531



4288240640



4283327296



4293125091



4284703587



# Same Dimension

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



4282226944



4283418368



4278229263



4282928453



4281895936



4278521088



# Inverse Universe

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



4284219545



4286054599



4288217226



4282991949



4283695244



4278714381



# Previews

## White Background



This preview shows how the Android color 4282226944 looks on a white background.

## Color Contrast Check

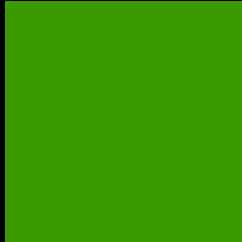
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282226944 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 4282226944 Background



This preview shows how black text looks on a background with the Android color 4282226944.



This preview shows how white text looks on a background with the Android color 4282226944.

# 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**

4282226944

**Protanopia**

4288054528

**Deuteranopia**

4289166880



# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282226944 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(61, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(61, 153, 0)  
}
```

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(61, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 153, 0) }
```

## Border

The CSS property to change the border of an element to Android 4282226944 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(61, 153, 0) }
```

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

```
.border{ border-color:rgb(61, 153, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 153, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(61, 153, 0)  
}
```

# Background

The CSS property to change the background color of an element to Android 4282226944 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:rgb(61, 153, 0) }
```

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

```
.background{ background-color:rgb(61, 153,  
0) }
```

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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