

Converting Colors

Android(4280441616)

Have a look what the booklet for
Android(4280441616) contains.

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Color

Android(4280441616)

Conversions

Conversions Part 1

Format	Color
Hex	225B10
RGB	34, 91, 16
RGB Percent	13%, 36%, 6%
CMY	0.8667, 0.6431, 0.9373
CMYK	0.63, 0.00, 0.82, 0.64
HSL	106°, 70%, 21%
HSV	106°, 82%, 36%
XYZ	4.4943, 7.8597, 1.7704
YIQ	65.4070, -9.8970, -35.4090

Conversions

Conversions Part 2

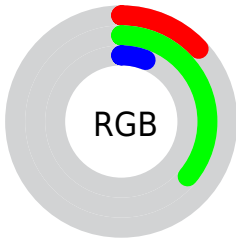
Format	Color
RYB	16, 91, 73
Decimal	2251536
CIELab	33.69, -33.37, 35.00
CIELCh	34, 48.361, 133.633
Yxy	7.8597, 0.3182, 0.5565
Android (android.graphics.Color)	4280441616 (0xFF225B10)
YUV	65.4070, -24.3577, -27.5439
Hunter-Lab	28.0351, -20.4461, 15.8804

Details

The Android color **4280441616** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4282978395**, and the grayscale version is **4282532418**.

A 20% lighter version of the original color is **4283862593**, and **4278201344** is the 20% darker color. If you saturate the color by 10%, you get **4279982855**, and if you desaturate by 10%, it is **4280900377**.

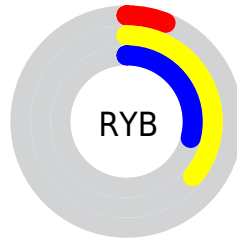
Distribution



Red (13%)

Green (36%)

Blue (6%)



Red (6%)

Yellow (36%)

Blue (29%)

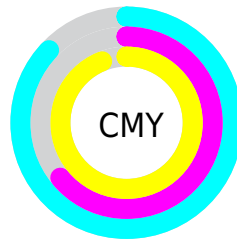


Cyan (63%)

Magenta (0%)

Yellow (82%)

Black (64%)



Cyan (87%)

Magenta (64%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280441616 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 4280441616 by changing the saturation by 10% instead.



4280441616



4280441616

4294967292



4278338304



4283862593



4278201344



4285639001



4278195456



4287349875



4278190080



4289192077



4291034536



4292870083



4294770655



4280441616



4280441616

■ 4279982855

■ 4280900377

■ 4279655168

■ 4281359138

■ 4281817899

■ 4282276660

■ 4282735422

■ 4283128647

■ 4283587408

■ 4284046169

■ 4284504930

Harmonies

Analogous

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



4283454208



4280441616



4278214456

Triad

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



4280441616



4278213017



4287833407

Complementary

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



4280441616



4282978395

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.



4287179110



4280441616



4278996634

Square

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



4280441616



4278214532



4284890247



4287181851

Rectangle

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



4280441616



4278214739



4284890247



4287767628

Sweetspot

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



4280441616



4284446040



4284172304



4281154345



4290427578



4282071867

Same Dimension

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



4280441616



4280120577



4279261987



4280954409



4279922176



4281986304

Inverse Universe

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



4282978395



4284023157



4284158024



4281149742



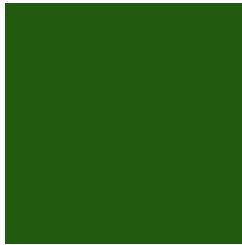
4283629678



4289986797

Previews

White Background



This preview shows how the Android color 4280441616 looks on a white background.

Color Contrast Check

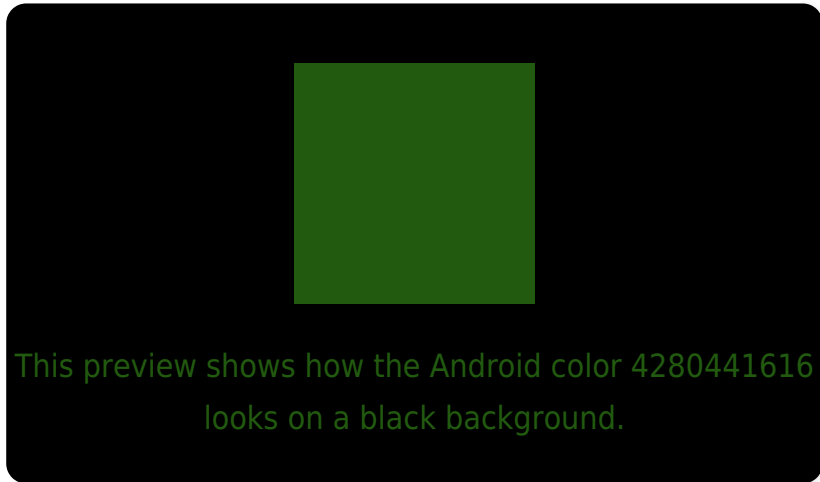
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

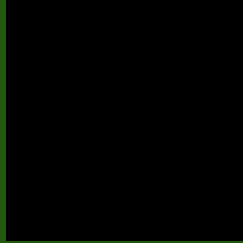
Any Text WCAG AA × Fail

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 4280441616 Background



This preview shows how black text looks on a background with the Android color 4280441616.



This preview shows how white text looks on a background with the Android color 4280441616.

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
4280441616

Protanopia
4284043021

Deuteranopia
4284697368

Trichromacy



Original Color
4280441616

Protanomaly
4282733326

Deuteranomaly
4283126037

Tritanomaly
4281096000

Monochromacy



Original Color
4280441616

Achromatopsia
4282466625

Achromatomaly
4281748015

CSS Examples

Text

The CSS property to change the color of the text to Android 4280441616 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(34, 91, 16)` looks like.

```
.text, #text, p{  
    color:rgb(34, 91, 16)  
}
```

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(34, 91, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(34, 91, 16) }
```

Border

The CSS property to change the border of an element to Android 4280441616 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(34, 91, 16) }
```

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

```
.border{ border-color:rgb(34, 91, 16) }
```

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

Here you see how a box with a 4 pixel `rgb(34, 91, 16)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(34, 91, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(34, 91, 16);  
box-shadow:4px 4px 4px 4px rgb(34, 91, 16)  
}
```

Background

The CSS property to change the background color of an element to Android 4280441616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(34, 91, 16) }
```

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

```
.background{ background-color: rgb(34, 91,  
16) }
```

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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