

Converting Colors

Android(4280566796)

Have a look what the booklet for
Android(4280566796) contains.

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Color

Android(4280566796)

Conversions

Conversions Part 1

Format	Color
Hex	24440C
RGB	36, 68, 12
RGB Percent	14%, 27%, 5%
CMY	0.8588, 0.7333, 0.9529
CMYK	0.47, 0.00, 0.82, 0.73
HSL	94°, 70%, 16%
HSV	94°, 82%, 27%
XYZ	2.8610, 4.5359, 1.0725
YIQ	52.0480, -1.0960, -24.2000

Conversions

Conversions Part 2

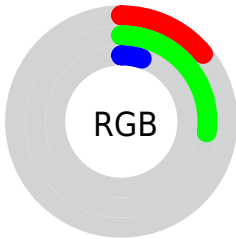
Format	Color
R_{YB}	12, 68, 44
Decimal	2376716
CIE _{Lab}	25.37, -22.78, 28.45
CIE _{LCh}	25, 36.449, 128.680
Yxy	4.5359, 0.3378, 0.5356
Android (android.graphics.Color)	4280566796 (0xFF24440C)
YUV	52.0480, -19.7437, -14.0741
Hunter-Lab	21.2976, -13.2917, 11.9224

Details

The Android color **4280566796** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4281076804**, and the grayscale version is **4281611316**.

A 20% lighter version of the original color is **4283725114**, and **4278196992** is the 20% darker color. If you saturate the color by 10%, you get **4280304645**, and if you desaturate by 10%, it is **4280828947**.

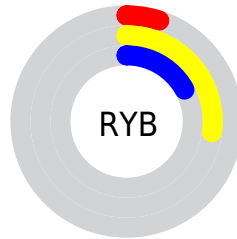
Distribution



Red (14%)

Green (27%)

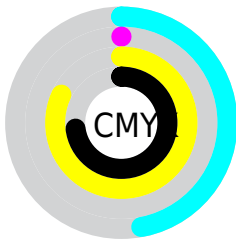
Blue (5%)



Red (5%)

Yellow (27%)

Blue (17%)

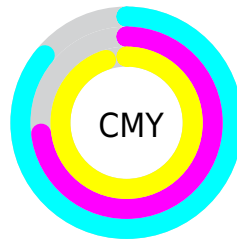


Cyan (47%)

Magenta (0%)

Yellow (82%)

Black (73%)



Cyan (86%)

Magenta (73%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280566796 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 4280566796 by changing the saturation by 10% instead.

 4280566796

 4280566796

 4294967282

 4279184640

 4283725114

 4278196992

 4285369938

 4278190080

 4287080811

 4288857220

 4290699423

 4292541882

 4294377430

 4280566796

 4280566796

■ 4280304645

■ 4280828947

■ 4280108032

■ 4281091098

■ 4281353248

■ 4281615399

■ 4281812014

■ 4282074165

■ 4282336316

■ 4282598466

■ 4282860617

Harmonies

Analogous

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



4282531072



4280566796



4278208551

Triad

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



4280566796



4278207600



4285341749

Complementary

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



4280566796



4281076804

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.



4284687441



4280566796



4278205811

Square

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



4280566796



4278208606



4282855784



4285081371

Rectangle

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



4280566796



4278208826



4282855784



4285276223

Sweetspot

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



4280566796



4283259203



4282657804



4280692256



4289572269



4281216558

Same Dimension

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



4280566796



4280768769



4278993936



4280230174



4280967424



4284538880

Inverse Universe

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



4281076804



4281532761



4282649664



4280294945



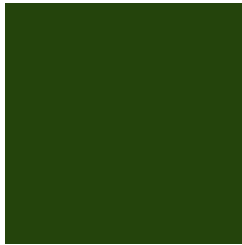
4281794657



4286578912

Previews

White Background



This preview shows how the Android color 4280566796 looks on a white background.

Color Contrast Check

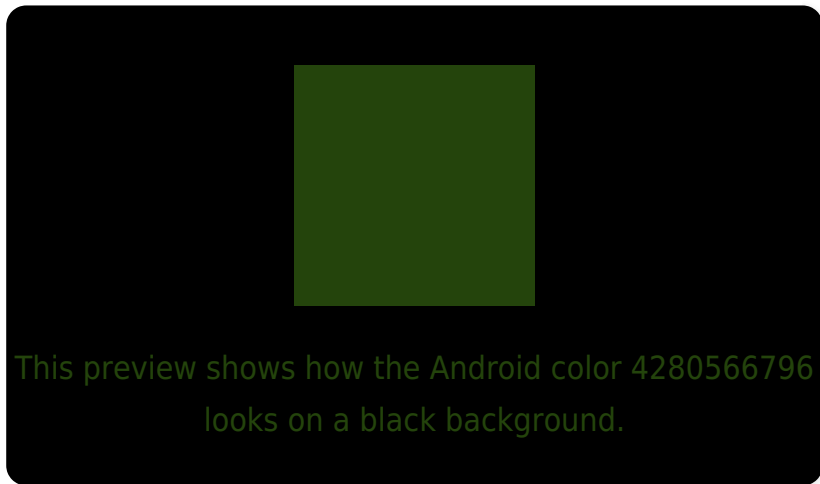
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280566796 Background



This preview shows how black text looks on a background with the Android color 4280566796.



This preview shows how white text looks on a background with the Android color 4280566796.

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
4280566796

Protanopia
4282661898

Deuteranopia
4283119890

Trichromacy



Original Color
4280566796

Protanomaly
4281876235

Deuteranomaly
4282203408

Tritanomaly
4280893744

Monochromacy



Original Color
4280566796

Achromatopsia
4281611316

Achromatomaly
4281219621

CSS Examples

Text

The CSS property to change the color of the text to Android 4280566796 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(36, 68, 12)` looks like.

```
.text, #text, p{  
    color:rgb(36, 68, 12)  
}
```

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(36, 68, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 68, 12) }
```

Border

The CSS property to change the border of an element to Android 4280566796 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(36, 68, 12) }
```

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

```
.border{ border-color:rgb(36, 68, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 68, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(36, 68, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(36, 68, 12);  
box-shadow:4px 4px 4px 4px rgb(36, 68, 12)  
}
```

Background

The CSS property to change the background color of an element to Android 4280566796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 68, 12) }
```

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

```
.background{ background-color: rgb(36, 68,  
12) }
```

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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