

Converting Colors

Android(4280641024)

Have a look what the booklet for
Android(4280641024) contains.

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Color

Android(4280641024)

Conversions

Conversions Part 1

Format	Color
Hex	256600
RGB	37, 102, 0
RGB Percent	15%, 40%, 0%
CMY	0.8549, 0.6000, 1.0000
CMYK	0.64, 0.00, 1.00, 0.60
HSL	98°, 100%, 20%
HSV	98°, 100%, 40%
XYZ	5.5143, 9.8961, 1.6195
YIQ	70.9370, -5.9980, -45.5020

Conversions

Conversions Part 2

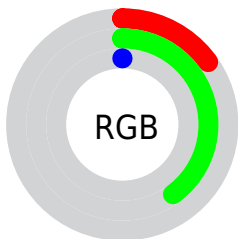
Format	Color
RYB	0, 102, 65
Decimal	2450944
CIELab	37.66, -37.71, 43.32
CIELCh	38, 57.437, 131.037
Yxy	9.8961, 0.3238, 0.5811
Android (android.graphics.Color)	4280641024 (0xFF256600)
YUV	70.9370, -34.9719, -29.7627
Hunter-Lab	31.4580, -23.7620, 18.9683

Details

The Android color `4280641024` is a dark color, and the websafe version is hex `336600`. A complement of this color would be `4282450022`, and the grayscale version is `4282861383`.

A 20% lighter version of the original color is `4284258873`, and `4278203904` is the 20% darker color. If you saturate the color by 10%, you get `4280641024`, and if you desaturate by 10%, it is `4281099786`.

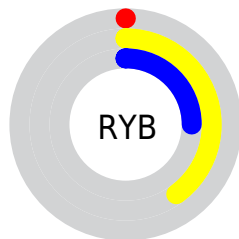
Distribution



Red (15%)

Green (40%)

Blue (0%)



Red (0%)

Yellow (40%)

Blue (25%)

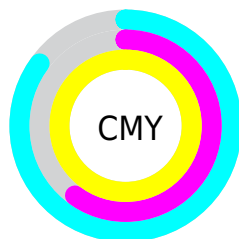


Cyan (64%)

Magenta (0%)

Yellow (100%)

Black (60%)



Cyan (85%)

Magenta (60%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280641024 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 4280641024 by changing the saturation by 10% instead.

 4280641024

 4280641024

 4294967286

 4278340864

 4284258873

 4278203904

 4286035283

 4278198784

 4287811948

 4278190080

 4289654151

 4291493793

 4293394365

 4294967257

 4280641024

■ 4281099786

■ 4281493012

■ 4281951775

■ 4282345001

■ 4282803763

■ 4283196989

■ 4283655751

■ 4284048978

■ 4284507740

Harmonies

Analogous

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



4284308480



4280641024



4278217528

Triad

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



4280641024



4278216369



4289273674

Complementary

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



4280641024



4282450022

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.



4288358776



4280641024



4278213045

Square

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



4280641024



4278217877



4285416351



4288623645

Rectangle

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



4280641024



4278218073



4285416351



4289142361

Sweetspot

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



4280641024



4285236573



4284891392



4281549354



4290953922



4282532418

Same Dimension

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



4280641024



4281369856



4278216206



4281348910



4280972032



4284019200

Inverse Universe

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



4282450022



4283760773



4284874840



4281413171



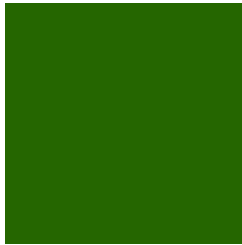
4282974323



4288282866

Previews

White Background



This preview shows how the Android color 4280641024 looks on a white background.

Color Contrast Check

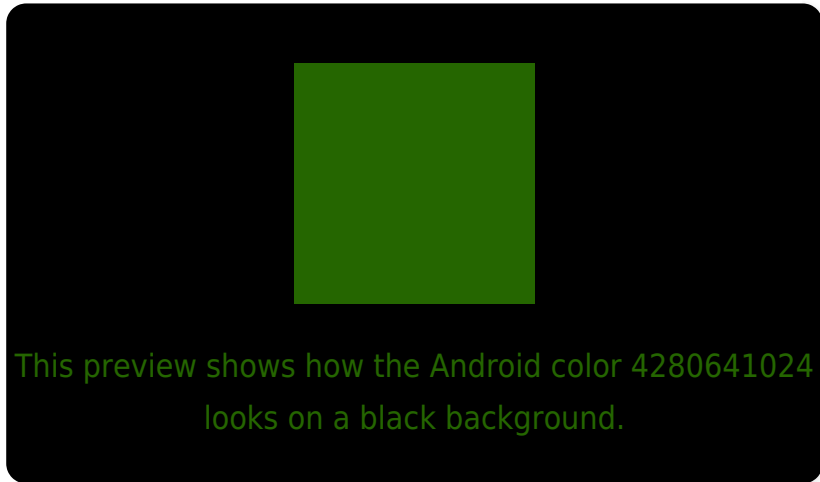
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280641024 Background



This preview shows how black text looks on a background with the Android color 4280641024.



This preview shows how white text looks on a background with the Android color 4280641024.

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
4280641024

Protanopia
4284766464

Deuteranopia
4285486101

Trichromacy



Original Color
4280641024

Protanomaly
4283260416

Deuteranomaly
4283718413

Tritanomaly
4281360961

Monochromacy



Original Color
4280641024

Achromatopsia
4282861383

Achromatomaly
4282077741

CSS Examples

Text

The CSS property to change the color of the text to Android 4280641024 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(37, 102, 0)` looks like.

```
.text, #text, p{  
    color:rgb(37, 102, 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(37, 102, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 102, 0) }
```

Border

The CSS property to change the border of an element to Android 4280641024 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(37, 102, 0) }
```

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

```
.border{ border-color:rgb(37, 102, 0) }
```

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

Here you see how a box with a 4 pixel rgb(37, 102, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 102, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 102, 0);  
box-shadow:4px 4px 4px 4px rgb(37, 102, 0)  
}
```

Background

The CSS property to change the background color of an element to Android 4280641024 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 102, 0) }
```

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

```
.background{ background-color: rgb(37, 102,  
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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