

Converting Colors

Android(4280641430)

Have a look what the booklet for
Android(4280641430) contains.

Android(4280641430)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4280641430)

Conversions

Conversions Part 1

Format	Color
Hex	256796
RGB	37, 103, 150
RGB Percent	15%, 40%, 59%
CMY	0.8549, 0.5961, 0.4118
CMYK	0.75, 0.31, 0.00, 0.41
HSL	205°, 60%, 37%
HSV	205°, 75%, 59%
XYZ	11.1182, 12.2958, 30.6415
YIQ	88.6240, -54.4230, 0.6250

Conversions

Conversions Part 2

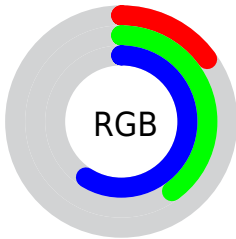
Format	Color
RYB	37, 79, 150
Decimal	2451350
CIELab	41.68, -4.10, -31.61
CIELCh	42, 31.875, 262.611
Yxy	12.2958, 0.2057, 0.2275
Android (android.graphics.Color)	4280641430 (0xFF256796)
YUV	88.6240, 30.2584, -45.2742
Hunter-Lab	35.0654, -4.7673, -27.2641

Details

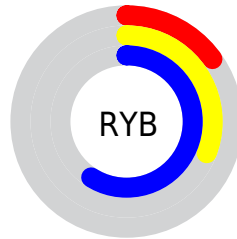
The Android color `4280641430` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4288042021`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4284652236`, and `4278204515` is the 20% darker color. If you saturate the color by 10%, you get `4279656854`, and if you desaturate by 10%, it is `4281626006`.

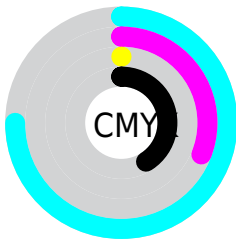
Distribution



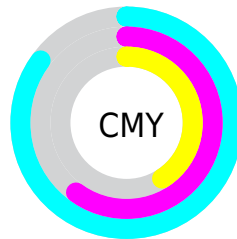
- Red (15%)
- Green (40%)
- Blue (59%)



- Red (15%)
- Yellow (31%)
- Blue (59%)



- Cyan (75%)
- Magenta (31%)
- Yellow (0%)
- Black (41%)



- Cyan (85%)
- Magenta (60%)
- Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280641430 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 4280641430 by changing the saturation by 10% instead.

 4280641430

 4280641430

4294967295

 4278210428

 4284652236

 4278204515

 4286494185

 4278199115

 4288336127

 4278193460

 4290243839

 4278190622

 4292149247

 4278190080

 4294049791

 4280641430

 4280641430

 4279656854

 4281626006

■ 4278672278

■ 4282610582

■ 4278212758

■ 4283595414

■ 4284579990

■ 4285564566

■ 4286549142

■ 4287533974

■ 4288518550

■ 4289503126

Harmonies

Analogous

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



4278218123



4280641430



4284112531

Triad

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



4280641430



4287909456



4282412353

Complementary

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



4280641430



4288042021

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.



4284376880



4280641430



4287321402

Square

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



4280641430



4287647082



4286078765



4279070555

Rectangle

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



4280641430



4285749129



4286078765



4283132730

Sweetspot

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



4280641430



4287999938



4280653394



4282799713



4292927712



4284572001

Same Dimension

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



4280641430



4279466434



4280627350



4282599242



4278210698



4278191626

Inverse Universe

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



4288030055



4290909049



4288056101



4283056967



4287234128



4278845446

Previews

White Background



This preview shows how the Android color 4280641430 looks on a white background.

Color Contrast Check

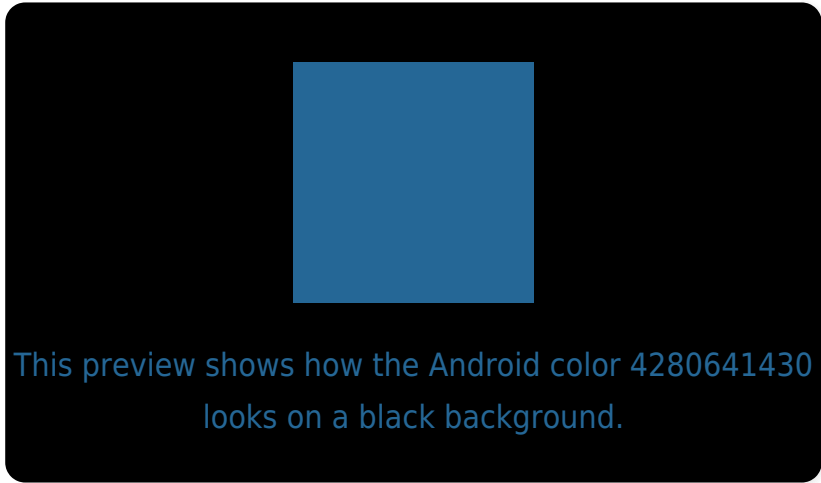
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black 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

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

Android 4280641430 Background



This preview shows how black text looks on a background with the Android color 4280641430.



This preview shows how white text looks on a background with the Android color 4280641430.

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



Trichromacy



Original Color
4280641430

Protanomaly
4282540946

Deuteranomaly
4282082455

Tritanomaly
4279069569

Monochromacy



Original Color
4280641430

Achromatopsia
4284045657

Achromatomaly
4282801775

CSS Examples

Text

The CSS property to change the color of the text to Android 4280641430 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, 103, 150)` looks like.

```
.text, #text, p{  
    color:rgb(37, 103, 150)  
}
```

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, 103, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 103, 150) }
```

Border

The CSS property to change the border of an element to Android 4280641430 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, 103, 150) }
```

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

```
.border{ border-color:rgb(37, 103, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 103, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(37, 103, 150); -webkit-box-shadow:4px 4px 4px 4px rgb(37, 103, 150); box-shadow:4px 4px 4px 4px rgb(37, 103, 150) }
```

Background

The CSS property to change the background color of an element to Android 4280641430 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 103, 150) }
```

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

```
.background{ background-color: rgb(37, 103,  
150) }
```

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