

Converting Colors

Android(4280640913)

Have a look what the booklet for
Android(4280640913) contains.

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Color

Android(4280640913)

Conversions

Conversions Part 1

Format	Color
Hex	256591
RGB	37, 101, 145
RGB Percent	15%, 40%, 57%
CMY	0.8549, 0.6039, 0.4314
CMYK	0.74, 0.30, 0.00, 0.43
HSL	204°, 59%, 36%
HSV	204°, 74%, 57%
XYZ	10.5275, 11.7450, 28.5002
YIQ	86.8800, -52.2680, 0.1160

Conversions

Conversions Part 2

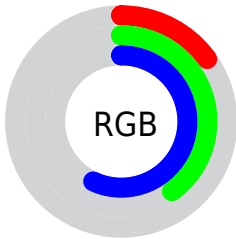
Format	Color
R_{YB}	37, 77, 145
Decimal	2450833
CIE _{Lab}	40.81, -4.74, -29.99
CIE _{LCh}	41, 30.363, 261.019
Yxy	11.7450, 0.2073, 0.2313
Android (android.graphics.Color)	4280640913 (0xFF256591)
YUV	86.8800, 28.6532, -43.7448
Hunter-Lab	34.2710, -5.1421, -25.3167

Details

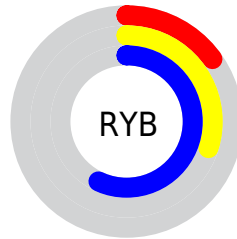
The Android color `4280640913` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287713573`, and the grayscale version is `4283914071`.

A 20% lighter version of the original color is `4284586183`, and `4278204254` is the 20% darker color. If you saturate the color by 10%, you get `4279721873`, and if you desaturate by 10%, it is `4281625489`.

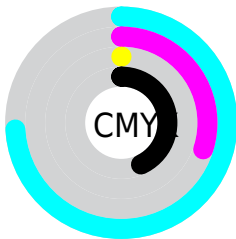
Distribution



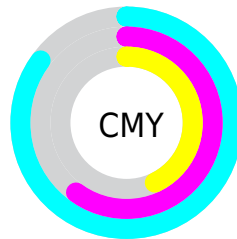
- Red (15%)
- Green (40%)
- Blue (57%)



- Red (15%)
- Yellow (30%)
- Blue (57%)



- Cyan (74%)
- Magenta (30%)
- Yellow (0%)
- Black (43%)



- Cyan (85%)
- Magenta (60%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280640913 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 4280640913 by changing the saturation by 10% instead.

■ 4280640913

■ 4280640913

4294967295

■ 4278209911

■ 4284586183

■ 4278204254

■ 4286427875

■ 4278198854

■ 4288270079

■ 4278192432

■ 4290112255

■ 4278190362

■ 4292018175

■ 4278190080

■ 4293984255

■ 4280640913

■ 4280640913

■ 4279721873

■ 4281625489

■ 4278737297

■ 4282544529

■ 4278212241

■ 4283529105

■ 4284448145

■ 4285432721

■ 4286351505

■ 4287336081

■ 4288255121

■ 4289239697

Harmonies

Analogous

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



4278217606



4280640913



4283915663

Triad

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



4280640913



4287647056



4282477120

Complementary

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



4280640913



4287713573

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.



4284376112



4280640913



4287124282

Square

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



4280640913



4287319401



4285946926



4279790936

Rectangle

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



4280640913



4285421190



4285946926



4283131962

Sweetspot

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



4280640913



4287868093



4280652112



4282799198



4292796126



4284374622

Same Dimension

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



4280640913



4279597245



4280627345



4282401863



4278210695



4278191368

Inverse Universe

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



4287702373



4290581880



4287727141



4282859588



4287037520



4278714373

Previews

White Background



This preview shows how the Android color 4280640913 looks on a white background.

Color Contrast Check

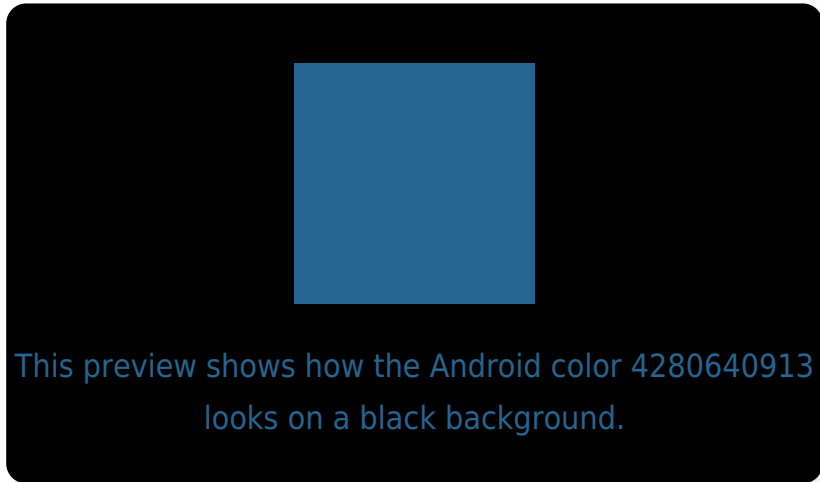
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280640913 Background



This preview shows how black text looks on a background with the Android color 4280640913.



This preview shows how white text looks on a background with the Android color 4280640913.

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
4280640913

Protanomaly
4282474893

Deuteranomaly
4282081938

Tritanomaly
4279068798

Monochromacy



Original Color
4280640913

Achromatopsia
4283914071

Achromatomaly
4282735724

CSS Examples

Text

The CSS property to change the color of the text to Android 4280640913 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, 101, 145)` looks like.

```
.text, #text, p{  
    color:rgb(37, 101, 145)  
}
```

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, 101, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 101, 145) }
```

Border

The CSS property to change the border of an element to Android 4280640913 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, 101, 145) }
```

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

```
.border{ border-color:rgb(37, 101, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(37, 101, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 101, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 101, 145);  
box-shadow:4px 4px 4px 4px rgb(37, 101,  
145) }
```

Background

The CSS property to change the background color of an element to Android 4280640913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 101, 145) }
```

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

```
.background{ background-color: rgb(37, 101,  
145) }
```

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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