

Converting Colors

Android(4280631646)

Have a look what the booklet for
Android(4280631646) contains.

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Color

Android(4280631646)

Conversions

Conversions Part 1

Format	Color
Hex	25415E
RGB	37, 65, 94
RGB Percent	15%, 25%, 37%
CMY	0.8549, 0.7451, 0.6314
CMYK	0.61, 0.31, 0.00, 0.63
HSL	211°, 44%, 26%
HSV	211°, 61%, 37%
XYZ	4.6736, 4.9821, 11.3050
YIQ	59.9340, -25.9970, 3.0830

Conversions

Conversions Part 2

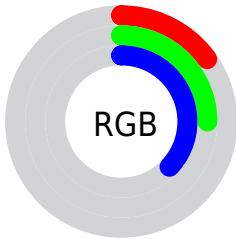
Format	Color
R_{YB}	37, 56, 94
Decimal	2441566
CIE _{Lab}	26.68, -0.80, -20.41
CIE _{LCh}	27, 20.425, 267.749
Yxy	4.9821, 0.2230, 0.2377
Android (android.graphics.Color)	4280631646 (0xFF25415E)
YUV	59.9340, 16.7945, -20.1131
Hunter-Lab	22.3205, -1.6854, -14.4050

Details

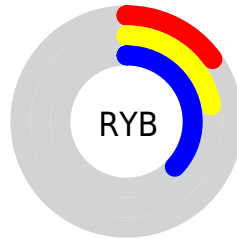
The Android color **4280631646** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284367397**, and the grayscale version is **4282137660**.

A 20% lighter version of the original color is **4283920785**, and **4278196016** is the 20% darker color. If you saturate the color by 10%, you get **4280040542**, and if you desaturate by 10%, it is **4281222750**.

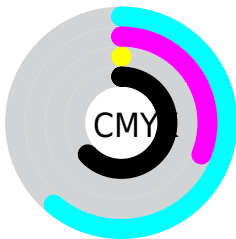
Distribution



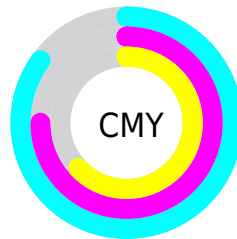
- Red (15%)
- Green (25%)
- Blue (37%)



- Red (15%)
- Yellow (22%)
- Blue (37%)



- Cyan (61%)
- Magenta (31%)
- Yellow (0%)
- Black (63%)



- Cyan (85%)
- Magenta (75%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280631646 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 4280631646 by changing the saturation by 10% instead.

■ 4280631646

■ 4280631646

4294967295

■ 4278790982

■ 4283920785

■ 4278196016

■ 4285631147

■ 4278190363

■ 4287341766

■ 4278190080

■ 4289118179

■ 4290894847

■ 4292802815

■ 4294705151

■ 4280631646

■ 4280631646

■ 4280040542

■ 4281222750

■ 4279383902

■ 4281879390

■ 4278793054

■ 4282470238

■ 4278201950

■ 4283126878

■ 4283717982

■ 4284309086

■ 4284965470

■ 4285556574

■ 4286213214

Harmonies

Analogous

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



4278273369



4280631646



4282334043

Triad

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



4280631646



4284298289



4280829486

Complementary

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



4280631646



4284367397

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.



4282008099



4280631646



4283840549

Square

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



4280631646



4284232513



4283055648



4279256893

Rectangle

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



4280631646



4283185236



4283055648



4281222442

Sweetspot

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



4280631646



4284772218



4280639042



4281349693



4290624957



4282203453

Same Dimension

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



4280631646



4280372602



4280624478



4280888366



4278204014



4278220013

Inverse Universe

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



4284360001



4286193997



4284374565



4281215276



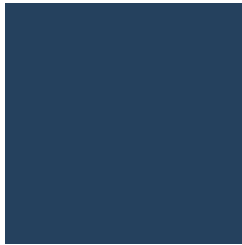
4285399094



4293722228

Previews

White Background



This preview shows how the Android color 4280631646 looks on a white background.

Color Contrast Check

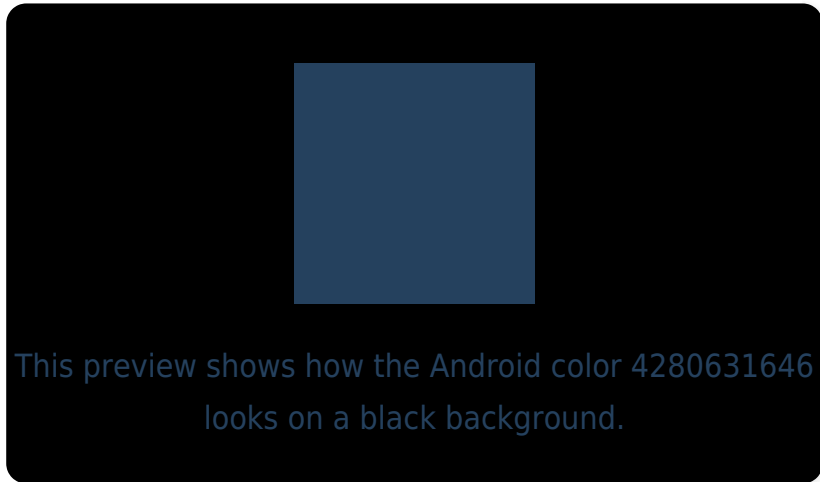
Large Text (above 18pt) WCAG AA ✓ Pass

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

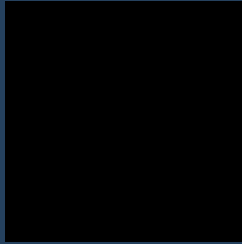
Any Text WCAG AA × Fail

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 4280631646 Background



This preview shows how black text looks on a background with the Android color 4280631646.



This preview shows how white text looks on a background with the Android color 4280631646.

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
4280631646

Protanopia
4281679452

Deuteranopia
4281352031

Trichromacy



Original Color
4280631646

Protanomaly
4281286493

Deuteranomaly
4281090143

Tritanomaly
4280239185

Monochromacy



Original Color
4280631646

Achromatopsia
4282137660

Achromatomaly
4281613896

CSS Examples

Text

The CSS property to change the color of the text to Android 4280631646 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, 65, 94)` looks like.

```
.text, #text, p{  
    color:rgb(37, 65, 94)  
}
```

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, 65, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 65, 94) }
```

Border

The CSS property to change the border of an element to Android 4280631646 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, 65, 94) }
```

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

```
.border{ border-color:rgb(37, 65, 94) }
```

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

Here you see how a box with a 4 pixel rgb(37, 65, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 65, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 65, 94);  
box-shadow:4px 4px 4px 4px rgb(37, 65, 94)  
}
```

Background

The CSS property to change the background color of an element to Android 4280631646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 65, 94) }
```

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

```
.background{ background-color: rgb(37, 65,  
94) }
```

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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