

Converting Colors

Android(4280040796)

Have a look what the booklet for
Android(4280040796) contains.

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Color

Android(4280040796)

Conversions

Conversions Part 1

Format	Color
Hex	1C3D5C
RGB	28, 61, 92
RGB Percent	11%, 24%, 36%
CMY	0.8902, 0.7608, 0.6392
CMYK	0.70, 0.34, 0.00, 0.64
HSL	209°, 53%, 24%
HSV	209°, 70%, 36%
XYZ	4.0794, 4.3571, 10.7512
YIQ	54.6670, -29.6190, 2.6450

Conversions

Conversions Part 2

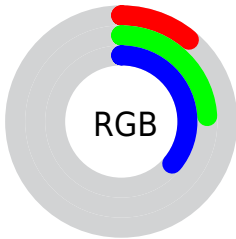
Format	Color
RYB	28, 50, 92
Decimal	1850716
CIELab	24.82, -0.88, -22.06
CIELCh	25, 22.081, 267.715
Yxy	4.3571, 0.2126, 0.2271
Android (android.graphics.Color)	4280040796 (0xFF1C3D5C)
YUV	54.6670, 18.4052, -23.3870
Hunter-Lab	20.8736, -1.6439, -15.9265

Details

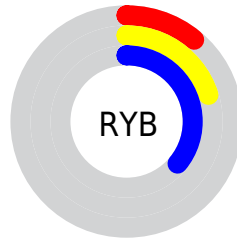
The Android color `4280040796` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4284234524`, and the grayscale version is `4281808695`.

A 20% lighter version of the original color is `4283395214`, and `4278194990` is the 20% darker color. If you saturate the color by 10%, you get `4279449948`, and if you desaturate by 10%, it is `4280631644`.

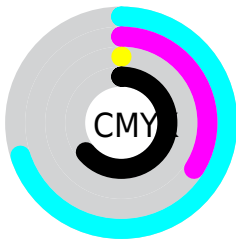
Distribution



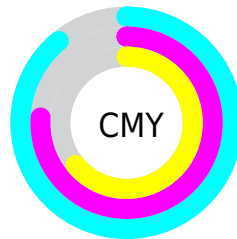
- Red (11%)
- Green (24%)
- Blue (36%)



- Red (11%)
- Yellow (20%)
- Blue (36%)



- Cyan (70%)
- Magenta (34%)
- Yellow (0%)
- Black (64%)



- Cyan (89%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280040796 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 4280040796 by changing the saturation by 10% instead.

■ 4280040796

■ 4280040796

4294967295

■ 4278200132

■ 4283395214

■ 4278194990

■ 4285105577

■ 4278190361

■ 4286816196

■ 4278190080

■ 4288592608

■ 4290434813

■ 4292276991

■ 4294180863

■ 4280040796

■ 4280040796

■ 4279449948

■ 4280631644

■ 4278858844

■ 4281222748

■ 4278202460

■ 4281879132

■ 4278202204

■ 4282470236

■ 4283061084

■ 4283652188

■ 4284243036

■ 4284899676

■ 4285490524

Harmonies

Analogous

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



4278206807



4280040796



4282005336

Triad

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



4280040796



4284100396



4280369704

Complementary

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



4280040796



4284234524

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.



4281679644



4280040796



4283642911

Square

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



4280040796



4284034365



4282792473



4278207289

Rectangle

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



4280040796



4282987345



4282792473



4280828196

Sweetspot

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



4280040796



4284443768



4280048699



4281218621



4290624957



4282203453

Same Dimension

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



4280040796



4279519352



4280032604



4280888366



4278204782



4278221549

Inverse Universe

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



4284226621



4286059592



4284242716



4281215276



4285399097



4293722234

Previews

White Background



This preview shows how the Android color 4280040796 looks on a white background.

Color Contrast Check

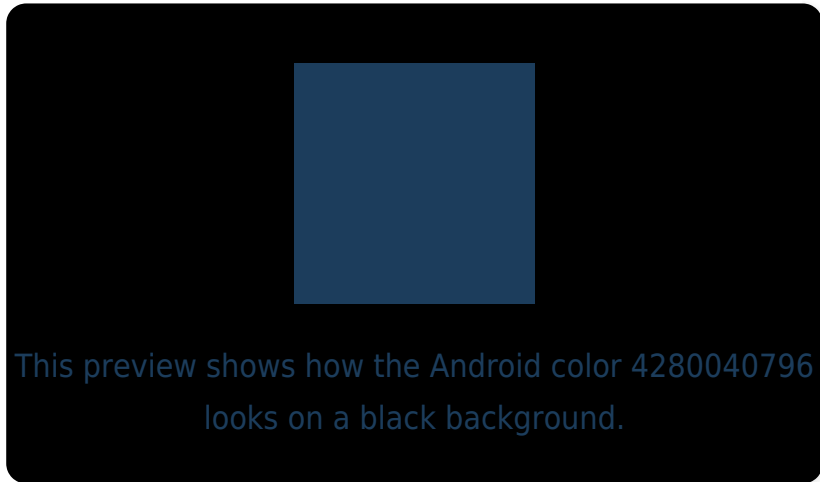
Large Text (above 18pt) WCAG AA ✓ Pass

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

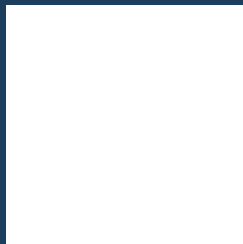
Any Text WCAG AAA × Fail

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

Android 4280040796 Background



This preview shows how black text looks on a background with the Android color 4280040796.



This preview shows how white text looks on a background with the Android color 4280040796.

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

4280040796

Protanopia

4281350745

Deuteranopia

4280892253

Trichromacy



Original Color

4280040796

Protanomaly

4280892250

Deuteranomaly

4280564829

Tritanomaly

4279320655

Monochromacy



Original Color

4280040796

Achromatopsia

4281808695

Achromatomaly

4281153860

CSS Examples

Text

The CSS property to change the color of the text to Android 4280040796 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(28, 61, 92)` looks like.

```
.text, #text, p{  
    color:rgb(28, 61, 92)  
}
```

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(28, 61, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(28, 61, 92) }
```

Border

The CSS property to change the border of an element to Android 4280040796 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(28, 61, 92) }
```

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

```
.border{ border-color:rgb(28, 61, 92) }
```

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

Here you see how a box with a 4 pixel `rgb(28, 61, 92)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(28, 61, 92); -webkit-box-  
shadow:4px 4px 4px 4px rgb(28, 61, 92);  
box-shadow:4px 4px 4px 4px rgb(28, 61, 92)  
}
```

Background

The CSS property to change the background color of an element to Android 4280040796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(28, 61, 92) }
```

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

```
.background{ background-color: rgb(28, 61,  
92) }
```

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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