Converting Colors

Android(4281161308)

Have a look what the booklet for Android(4281161308) contains.

Color

Android(4281161308)

Conversions

Format	Color
Hex	2D565C
RGB	45, 86, 92
RGB Percent	18%, 34%, 36%
CMY	0.8235, 0.6627, 0.6392
CMYK	0.51, 0.07, 0.00, 0.64
HSL	188°, 34%, 27%
HSV	188°, 51%, 36%
XYZ	6.3417, 7.9862, 11.3325
YIQ	74.4250, -26.3620, -6.8260

Conversions Part 1

Conversions

Conversions Part 2

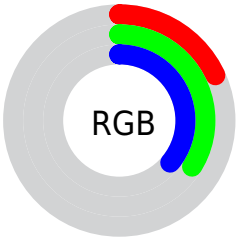
Format	Color
RYB	45, 67, 92
Decimal	2971228
CIELab	33.95, -12.52, -7.95
CIELCh	34, 14.833, 212.407
Yxy	7.9862, 0.2471, 0.3112
Android (android.graphics.Color)	4281161308 (0xFF2D565C)
YUV	74.4250, 8.6645, -25.8057
Hunter-Lab	28.2598, -9.3978, -3.9940

Details

The Android color 4281161308 is a dark color, and the websafe version is hex 336666. A complement of this color would be 4284232493, and the grayscale version is 4283058762.

A 20% lighter version of the original color is 4284450958, and 4278200622 is the 20% darker color. If you saturate the color by 10%, you get 4280571228, and if you desaturate by 10%, it is 4281751388.

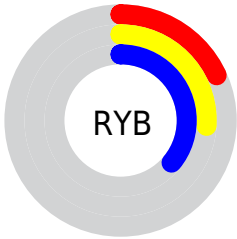
Distribution



Red (18%)

Green (34%)

Blue (36%)



Red (18%)

Yellow (26%)

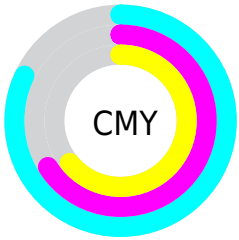
Blue (36%)

Cyan (51%)

Magenta (7%)

Yellow (0%)

Black (64%)



Cyan (82%)

Magenta (66%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281161308 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 4281161308 by changing the saturation by 10% instead.

4281161308

4294967295

4284450958

4286096041

4287872452

4289649120

4291491324

4293328895

4281161308

4279516996

4278200622

4278195482

4278190080

4281161308

4280571228

4281161308

4281751388

4279981148

4279325276

4278735196

4278210652

4282341468

4282997340

4283587420

4284177500

4284767580

4285357660

4286013276

4286603612

Harmonies

Analogous

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

4281488976

4281161308

4281619556

Triad

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

4281161308

4284500315

4283977528

Complementary

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

4281161308

4284232493

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.

4284631867

4281161308

4284958543

Square

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

4281161308

4283649124

4284958788

4283126588

Rectangle

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

4281161308

4282208871

4284958788

4284173881

Sweetspot

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

4281161308

4284905080

4281162802

4281482301

4290624957

4282203453

Same Dimension

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

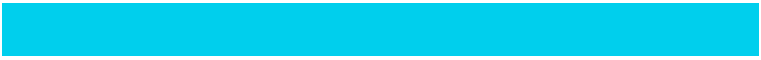
4281161308

4281298808

4281155420

4280888622

4278214766



4278243309

Inverse Universe

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

4284230998

4286066543

4284238381

4281215277

4285399136

4293722319

Previews

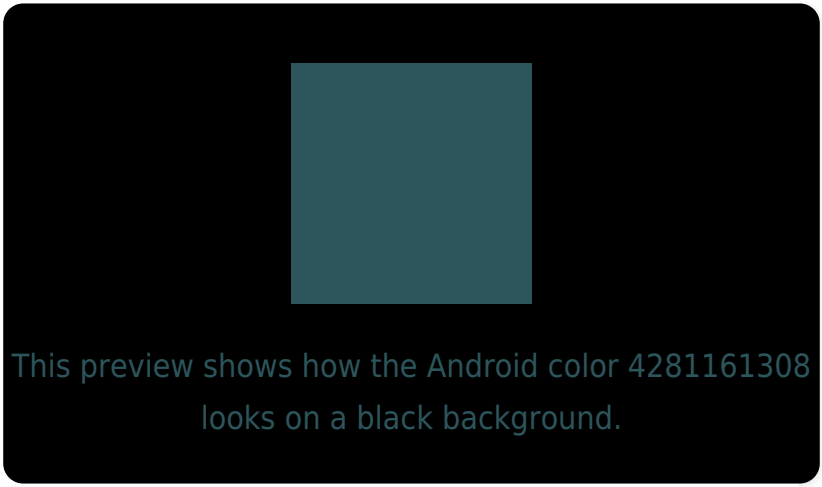
White Background

This preview shows how the Android color 4281161308 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

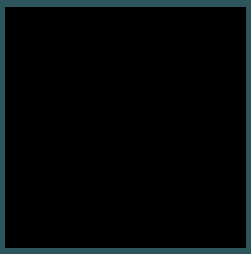


Color Contrast Check

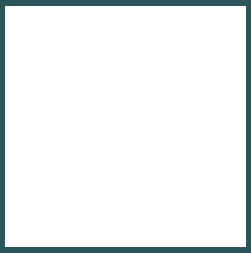
Large Text (above 18pt) WCAG AA × Fail
Any Text WCAG AA × Fail
Large Text (above 18pt) WCAG AAA × Fail
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the Color Contrast Checker.

Android 4281161308 Background



This preview shows how black text looks on a background with the Android color 4281161308.



This preview shows how white text looks on a background with the Android color 4281161308.

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
4281161308

Protanopia
4283387736

Deuteranopia
4283453022

Tritanopia
4281161309

Trichromacy

Original Color
4281161308

Protanomaly
4282602073

Deuteranomaly
4282601821

Tritanomaly
4281161309

Monochromacy

Original Color
4281161308

Achromatopsia
4283058762

Achromatomaly
4282338897

CSS Examples

Text

The CSS property to change the color of the text to Android 4281161308 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(45, 86, 92) looks like.

```
.text, #text, p{
    color:rgb(45, 86, 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(45, 86, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 86, 92) }
```

Border

The CSS property to change the border of an element to Android 4281161308 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(45, 86, 92) }
```

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

```
.border{ border-color:rgb(45, 86, 92) }
```

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

Here you see how a box with a 4 pixel rgb(45, 86, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(45, 86, 92); -webkit-box-shadow:4px 4px 4px 4px rgb(45, 86, 92); box-shadow:4px 4px 4px 4px rgb(45, 86, 92) }
```

Background

The CSS property to change the background color of an element to Android 4281161308 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{
background:rgb(45, 86, 92) }
```

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

```
.background{ background-color:rgb(45, 86,
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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