

Converting Colors

Android(4280575156)

Have a look what the booklet for
Android(4280575156) contains.

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Color

Android(4280575156)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 2464B4 |
| RGB | 36, 100, 180 |
| RGB Percent | 14%, 39%, 71% |
| CMY | 0.8588, 0.6078, 0.2941 |
| CMYK | 0.80, 0.44, 0.00, 0.29 |
| HSL | 213°, 67%, 42% |
| HSV | 213°, 80%, 71% |
| XYZ | 13.5229, 12.7847, 44.9350 |
| YIQ | 89.9840, -63.8240, 11.3120 |

Conversions

Conversions Part 2

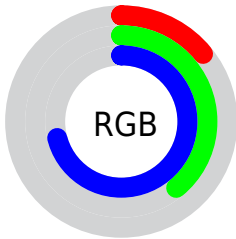
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 36, 80, 180 |
| Decimal | 2385076 |
| CIE Lab | 42.44, 9.14, -48.15 |
| CIE LCh | 42, 49.010, 280.749 |
| Yxy | 12.7847, 0.1898, 0.1795 |
| Android (android.graphics.Color) | 4280575156 (0xFF2464B4) |
| YUV | 89.9840, 44.3779, -47.3440 |
| Hunter-Lab | 35.7557, 4.9369, -49.4821 |

Details

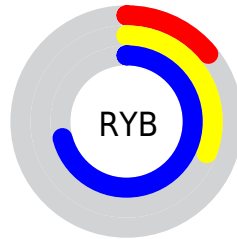
The Android color `4280575156` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4290016292`, and the grayscale version is `4284111450`.

A 20% lighter version of the original color is `4285044460`, and `4278204030` is the 20% darker color. If you saturate the color by 10%, you get `4279392948`, and if you desaturate by 10%, it is `4281757364`.

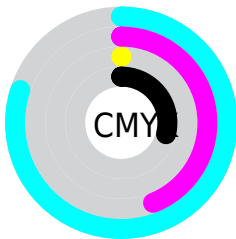
Distribution



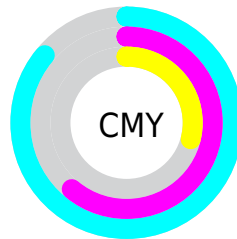
- Red (14%)
- Green (39%)
- Blue (71%)



- Red (14%)
- Yellow (31%)
- Blue (71%)



- Cyan (80%)
- Magenta (44%)
- Yellow (0%)
- Black (29%)



- Cyan (86%)
- Magenta (61%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280575156 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 4280575156 by changing the saturation by 10% instead.

 4280575156

 4280575156

4294967295

 4278209689

 4285044460

 4278204030

 4286951935

 4278198885

 4288924927

 4278192972

 4290832639

 4278191413

 4292804607

 4278190623

 4294770687

 4278190082

 4278190080

 4280575156

 4280575156

■ 4279392948

■ 4281757364

■ 4278210740

■ 4282939572

■ 4284121780

■ 4285303988

■ 4286486196

■ 4287668404

■ 4288850612

■ 4290032820

■ 4291215028

Harmonies

Analogous

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



4278218928



4280575156



4286075810

Triad

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



4280575156



4289021745



4278220104

Complementary

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



4280575156



4290016292

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.



4282282017



4280575156



4287453456

Square

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



4280575156



4289543255



4285228803



4278220658

Rectangle

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



4280575156



4287973260



4285228803



4278219834

Sweetspot

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



4280575156



4289907691



4280595571



4283654773



4294309365



4285887861

Same Dimension

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



4280575156



4278808043



4281017524



4283454553



4278207641



4278192922

Inverse Universe

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



4289995876



4293593453



4289573924



4284043348



4288217156



4279894027

Previews

White Background



This preview shows how the Android color 4280575156 looks on a white background.

Color Contrast Check

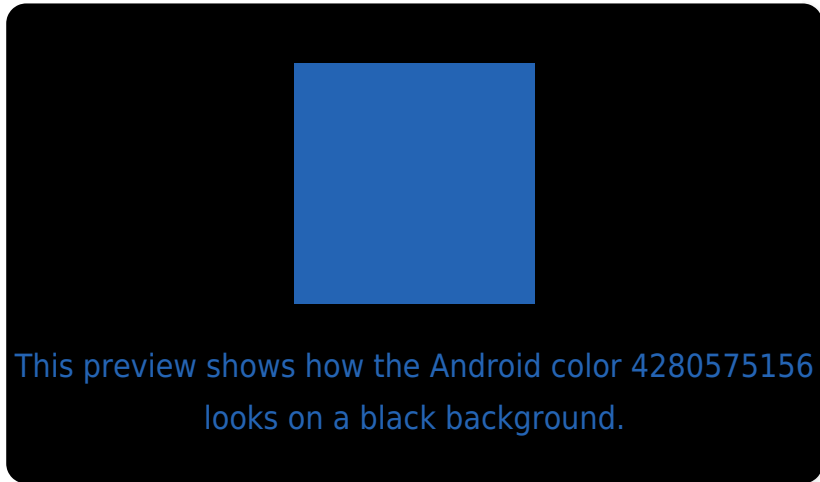
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280575156 Background



This preview shows how black text looks on a background with the Android color 4280575156.



This preview shows how white text looks on a background with the Android color 4280575156.

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

4280575156

Protanopia

4282278321

Deuteranopia

4279002548

Trichromacy



Original Color
4280575156

Protanomaly
4281688754

Deuteranomaly
4279592372

Monochromacy



Original Color
4280575156

Achromatopsia
4284111450

Achromatomaly
4282801787

CSS Examples

Text

The CSS property to change the color of the text to Android 4280575156 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(36, 100, 180)` looks like.

```
.text, #text, p{  
    color:rgb(36, 100, 180)  
}
```

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(36, 100, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(36, 100, 180) }
```

Border

The CSS property to change the border of an element to Android 4280575156 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(36, 100, 180) }
```

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

```
.border{ border-color:rgb(36, 100, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(36, 100, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(36, 100, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(36, 100, 180); box-shadow:4px 4px 4px 4px rgb(36, 100, 180) }
```

Background

The CSS property to change the background color of an element to Android 4280575156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(36, 100, 180) }
```

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

```
.background{ background-color: rgb(36, 100,  
180) }
```

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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