

Converting Colors

Android(4283396776)

Have a look what the booklet for
Android(4283396776) contains.

| | |
|--|----|
| Android(4283396776) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 11 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 26 |
| <i>CSS Examples</i> | 29 |

Color

Android(4283396776)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 4F72A8 |
| RGB | 79, 114, 168 |
| RGB Percent | 31%, 45%, 66% |
| CMY | 0.6902, 0.5529, 0.3412 |
| CMYK | 0.53, 0.32, 0.00, 0.34 |
| HSL | 216°, 36%, 48% |
| HSV | 216°, 53%, 66% |
| XYZ | 16.3096, 16.5240, 39.3756 |
| YIQ | 109.6910, -38.1940, 9.3740 |

Conversions

Conversions Part 2

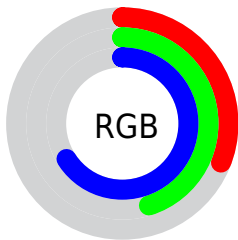
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 79, 104, 168 |
| Decimal | 5206696 |
| CIE Lab | 47.65, 3.47, -32.74 |
| CIE LCh | 48, 32.925, 276.056 |
| Yxy | 16.5240, 0.2259, 0.2288 |
| Android (android.graphics.Color) | 4283396776 (0xFF4F72A8) |
| YUV | 109.6910, 28.7463, -26.9160 |
| Hunter-Lab | 40.6498, 0.4813, -28.9767 |

Details

The Android color `4283396776` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289234255`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4286949087`, and `4279386740` is the 20% darker color. If you saturate the color by 10%, you get `4282280104`, and if you desaturate by 10%, it is `4284513448`.

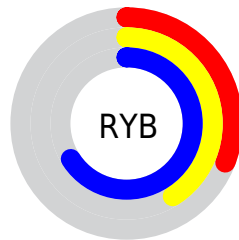
Distribution



Red (31%)

Green (45%)

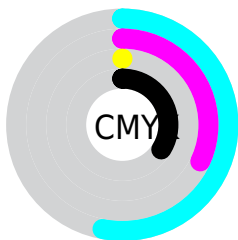
Blue (66%)



Red (31%)

Yellow (41%)

Blue (66%)

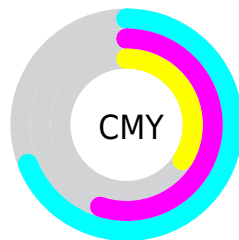


Cyan (53%)

Magenta (32%)

Yellow (0%)

Black (34%)



Cyan (69%)

Magenta (55%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283396776 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 4283396776 by changing the saturation by 10% instead.



4283396776



4283396776

4294967295



4281555597



4286949087



4279386740



4288791036



4278201691



4290632959



4278196547



4292540927



4278190892



4294443007



4278190359



4278190080



4283396776



4283396776



4282280104



4284513448

■ 4281163432

■ 4285630120

■ 4280112040

■ 4286681512

■ 4278995368

■ 4287798184

■ 4278207144

■ 4288914856

■ 4290031528

■ 4291148200

■ 4292199592

■ 4293316264

Harmonies

Analogous

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



4278221475



4283396776



4286277790

Triad

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



4283396776



4288896850



4282089050

Complementary

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



4283396776



4289234255

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.



4284447043



4283396776



4287981631

Square

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



4283396776



4289026668



4286411065



4278222966

Rectangle

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



4283396776



4287652240



4286411065



4283006033

Sweetspot

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



4283396776



4290299611



4283410564



4284047726



4293783021



4285427310

Same Dimension

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



4283396776



4283401947



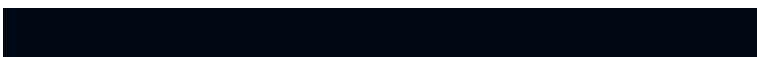
4283977640



4283191124



4278205076



4278192148

Inverse Universe

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



4289220466



4292562822



4288653391



4283714639



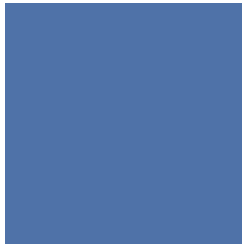
4287889466



4279500808

Previews

White Background



This preview shows how the Android color 4283396776 looks on a white background.

Color Contrast Check

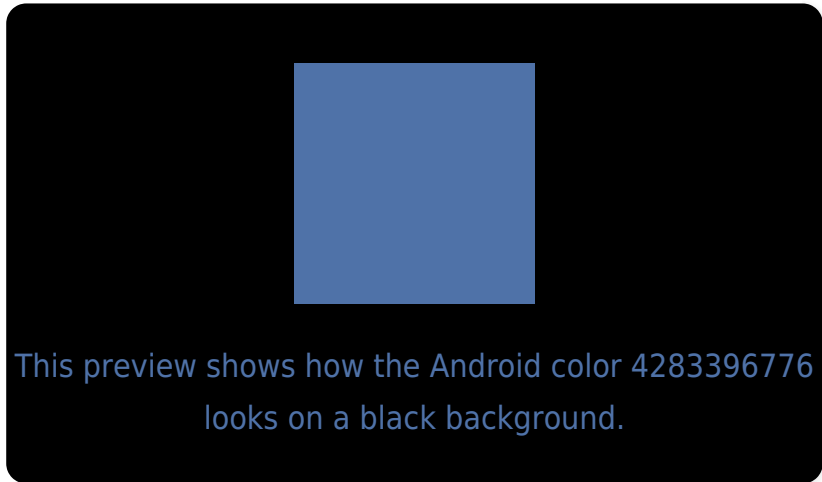
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283396776 Background



This preview shows how black text looks on a background with the Android color 4283396776.

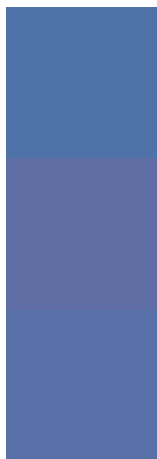


This preview shows how white text looks on a background with the Android color 4283396776.

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

4283396776

Protanopia

4284444581

Deuteranopia

4283920552

Trichromacy



Original Color

4283396776

Protanomaly

4284051622

Deuteranomaly

4283724200

Tritanomaly

4282873488

Monochromacy



Original Color

4283396776

Achromatopsia

4285427310

Achromatomaly

4284706691

CSS Examples

Text

The CSS property to change the color of the text to Android 4283396776 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(79, 114, 168)` looks like.

```
.text, #text, p{  
    color:rgb(79, 114, 168)  
}
```

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(79, 114, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 114, 168) }
```

Border

The CSS property to change the border of an element to Android 4283396776 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(79, 114, 168) }
```

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

```
.border{ border-color:rgb(79, 114, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 114, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 114, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 114, 168);  
box-shadow:4px 4px 4px 4px rgb(79, 114,  
168) }
```

Background

The CSS property to change the background color of an element to Android 4283396776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 114, 168) }
```

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

```
.background{ background-color: rgb(79, 114,  
168) }
```

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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