

Converting Colors

Android(4282672776)

Have a look what the booklet for
Android(4282672776) contains.

Android(4282672776)	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(4282672776)

Conversions

Conversions Part 1

Format	Color
Hex	446688
RGB	68, 102, 136
RGB Percent	27%, 40%, 53%
CMY	0.7333, 0.6000, 0.4667
CMYK	0.50, 0.25, 0.00, 0.47
HSL	210°, 33%, 40%
HSV	210°, 50%, 53%
XYZ	11.5792, 12.5093, 25.0968
YIQ	95.7100, -31.1780, 3.3660

Conversions

Conversions Part 2

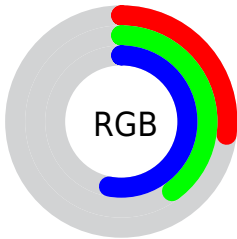
Format	Color
R_{YB}	68, 91, 136
Decimal	4482696
CIE _{Lab}	42.01, -2.20, -22.60
CIE _{LCh}	42, 22.708, 264.451
Yxy	12.5093, 0.2354, 0.2543
Android (android.graphics.Color)	4282672776 (0xFF446688)
YUV	95.7100, 19.8630, -24.3017
Hunter-Lab	35.3684, -3.4560, -17.3132

Details

The Android color `4282672776` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287129156`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4286093757`, and `4278990678` is the 20% darker color. If you saturate the color by 10%, you get `4281753480`, and if you desaturate by 10%, it is `4283592072`.

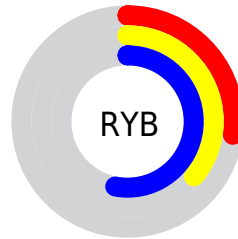
Distribution



Red (27%)

Green (40%)

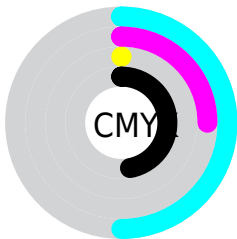
Blue (53%)



Red (27%)

Yellow (36%)

Blue (53%)

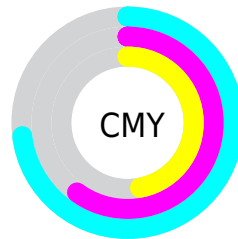


Cyan (50%)

Magenta (25%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (60%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282672776 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 4282672776 by changing the saturation by 10% instead.



4282672776



4282672776

4294967295



4280962671



4286093757



4278990678



4287870169



4278198847



4289646582



4278193193



4291488767



4278190355



4293394431



4278190080



4282672776



4282672776



4281753480



4283592072



4280899720



4284445832

■ 4279980680

■ 4285364872

■ 4279126920

■ 4286218632

■ 4278207624

■ 4287137928

■ 4288057224

■ 4288910984

■ 4289830024

■ 4290683784

Harmonies

Analogous

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



4280904577



4282672776



4284571781

Triad

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



4282672776



4287125077



4283067213

Complementary

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



4282672776



4287129156

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.



4284507969



4282672776



4286667333

Square

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



4282672776



4286928231



4285751614



4281625951

Rectangle

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



4282672776



4285619070



4285751614



4283591240

Sweetspot

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



4282672776



4288062384



4282681446



4282995033



4292467161



4284045657

Same Dimension

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



4282672776



4282809264



4282664072



4282270021



4278207109



4278190853

Inverse Universe

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



4287120486



4289742459



4287137860



4282728001



4286906434



4278517763

Previews

White Background



This preview shows how the Android color 4282672776 looks on a white background.

Color Contrast Check

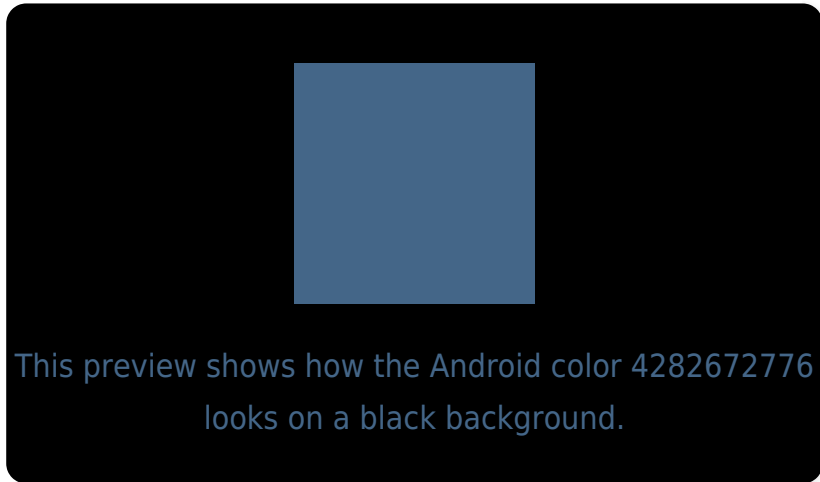
Large Text (above 18pt) WCAG AA ✓ Pass

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

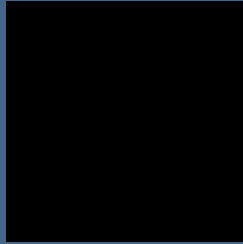
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

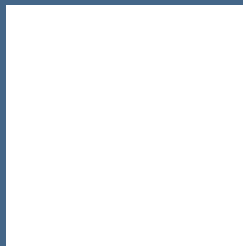
Any Text WCAG AAA × Fail

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

Android 4282672776 Background



This preview shows how black text looks on a background with the Android color 4282672776.

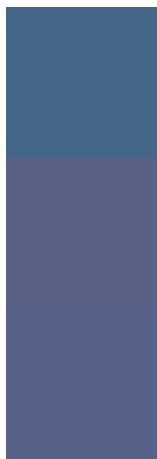


This preview shows how white text looks on a background with the Android color 4282672776.

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

4282672776

Protanopia

4284048005

Deuteranopia

4283851401

Trichromacy



Original Color

4282672776

Protanomaly

4283523974

Deuteranomaly

4283392905

Tritanomaly

4282411387

Monochromacy



Original Color

4282672776

Achromatopsia

4284506208

Achromatomaly

4283851375

CSS Examples

Text

The CSS property to change the color of the text to Android 4282672776 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(68, 102, 136)` looks like.

```
.text, #text, p{  
    color:rgb(68, 102, 136)  
}
```

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(68, 102, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 102, 136) }
```

Border

The CSS property to change the border of an element to Android 4282672776 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(68, 102, 136) }
```

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

```
.border{ border-color:rgb(68, 102, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 102, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 102, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 102, 136);  
box-shadow:4px 4px 4px 4px rgb(68, 102,  
136) }
```

Background

The CSS property to change the background color of an element to Android 4282672776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 102, 136) }
```

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

```
.background{ background-color: rgb(68, 102,  
136) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor