

Converting Colors

Android(4278207884)

Have a look what the booklet for
Android(4278207884) contains.

Android(4278207884)	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(4278207884)

Conversions

Conversions Part 1

Format	Color
Hex	00458C
RGB	0, 69, 140
RGB Percent	0%, 27%, 55%
CMY	1.0000, 0.7294, 0.4510
CMYK	1.00, 0.51, 0.00, 0.45
HSL	210°, 100%, 27%
HSV	210°, 100%, 55%
XYZ	6.8617, 6.1497, 25.6363
YIQ	56.4630, -63.9150, 7.4530

Conversions

Conversions Part 2

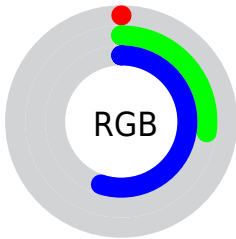
Format	Color
RYB	0, 46, 140
Decimal	17804
CIELab	29.79, 10.84, -44.56
CIELCh	30, 45.854, 283.670
Yxy	6.1497, 0.1775, 0.1591
Android (android.graphics.Color)	4278207884 (0xFF00458C)
YUV	56.4630, 41.1837, -49.5181
Hunter-Lab	24.7986, 5.9933, -43.9339

Details

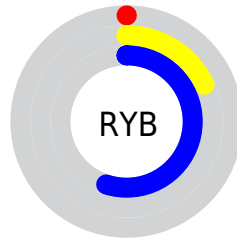
The Android color **4278207884** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4287383296**, and the grayscale version is **4281874488**.

A 20% lighter version of the original color is **4283463106**, and **4278197081** is the 20% darker color. If you saturate the color by 10%, you get **4278207884**, and if you desaturate by 10%, it is **4279127180**.

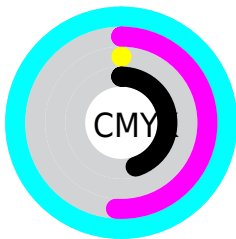
Distribution



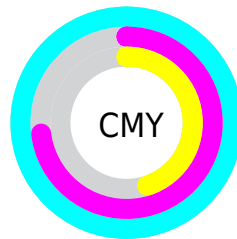
- Red (0%)
- Green (27%)
- Blue (55%)



- Red (0%)
- Yellow (18%)
- Blue (55%)



- Cyan (100%)
- Magenta (51%)
- Yellow (0%)
- Black (45%)



- Cyan (100%)
- Magenta (73%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207884 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 4278207884 by changing the saturation by 10% instead.

 4278207884

 4278207884

4294967295

 4278202226

 4283463106

 4278197081

 4285370078

 4278190145

 4287277307

 4278190890

 4289119231

 4278190356

 4291026943

 4278190080

 4293000447

4294901759

 4278207884

■ 4279127180

■ 4280046476

■ 4280965772

■ 4281885068

■ 4282804620

■ 4283723916

■ 4284643212

■ 4285562508

■ 4286481804

Harmonies

Analogous

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



4278210699



4278207884



4284232826

Triad

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



4278207884



4286327830



4278211889

Complementary

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



4278207884



4287383296

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.



4279980298



4278207884



4284890368

Square

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



4278207884



4286914104



4282862080



4278212182

Rectangle

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



4278207884



4285802598



4282862080



4278211620

Sweetspot

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



4278207884



4286552757



4278225990



4282075996



4292598747



4284243036

Same Dimension

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



4278207884



4278213045



4278190220



4282270021



4278206853



4278190853

Inverse Universe

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



4287365189



4290052185



4287400960



4282728001



4286906433



4278517763

Previews

White Background



This preview shows how the Android color 4278207884 looks on a white background.

Color Contrast Check

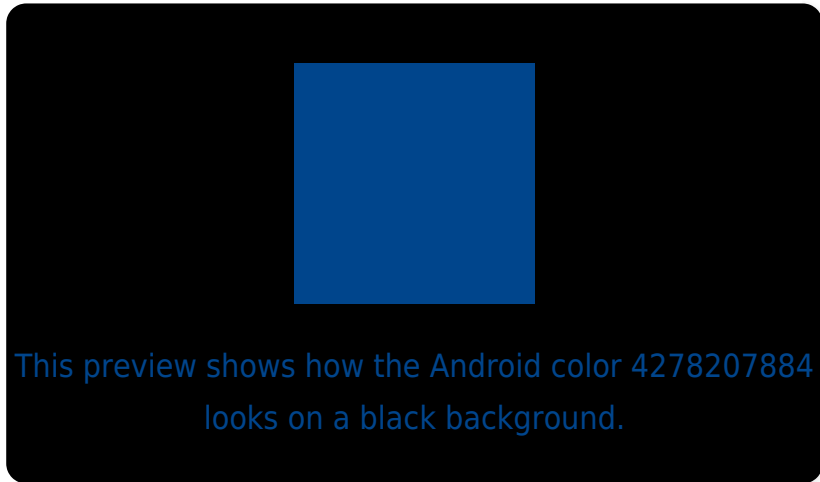
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278207884 Background



This preview shows how black text looks on a background with the Android color 4278207884.



This preview shows how white text looks on a background with the Android color 4278207884.

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

4278207884

Protanopia

4279911563

Deuteranopia

4278208637

Trichromacy



Original Color
4278207884

Protanomaly
4279321739

Deuteranomaly
4278208386

Tritanomaly
4278209384

Monochromacy



Original Color
4278207884

Achromatopsia
4281874488

Achromatomaly
4280565079

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207884 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(0, 69, 140)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 140)  
}
```

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(0, 69, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 140) }
```

Border

The CSS property to change the border of an element to Android 4278207884 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(0, 69, 140) }
```

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

```
.border{ border-color:rgb(0, 69, 140) }
```

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

Here you see how a box with a 4 pixel rgb(0, 69, 140) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 69, 140);  
box-shadow:4px 4px 4px 4px rgb(0, 69, 140)  
}
```

Background

The CSS property to change the background color of an element to Android 4278207884 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 69, 140) }
```

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

```
.background{ background-color: rgb(0, 69,  
140) }
```

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