

Converting Colors

Android(4278207896)

Have a look what the booklet for
Android(4278207896) contains.

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Color

Android(4278207896)

Conversions

Conversions Part 1

Format	Color
Hex	004598
RGB	0, 69, 152
RGB Percent	0%, 27%, 60%
CMY	1.0000, 0.7294, 0.4039
CMYK	1.00, 0.55, 0.00, 0.40
HSL	213°, 100%, 30%
HSV	213°, 100%, 60%
XYZ	7.7956, 6.5232, 30.5540
YIQ	57.8310, -67.7670, 11.1850

Conversions

Conversions Part 2

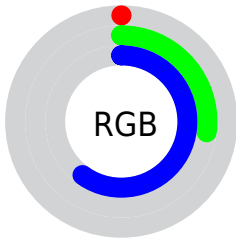
Format	Color
R_{YB}	0, 47, 152
Decimal	17816
CIE _{Lab}	30.70, 15.96, -50.43
CIE _{LCh}	31, 52.895, 287.567
Yxy	6.5232, 0.1737, 0.1454
Android (android.graphics.Color)	4278207896 (0xFF004598)
YUV	57.8310, 46.4253, -50.7178
Hunter-Lab	25.5406, 9.7864, -53.0496

Details

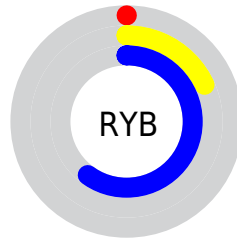
The Android color **4278207896** is a dark color, and the websafe version is hex **0066CC**. A complement of this color would be **4288172800**, and the grayscale version is **4281940281**.

A 20% lighter version of the original color is **4283725007**, and **4278197348** is the 20% darker color. If you saturate the color by 10%, you get **4278207896**, and if you desaturate by 10%, it is **4279192984**.

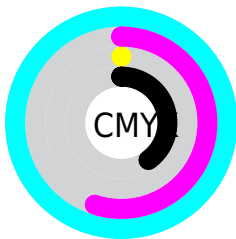
Distribution



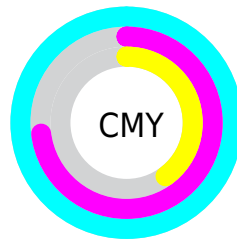
- Red (0%)
- Green (27%)
- Blue (60%)



- Red (0%)
- Yellow (18%)
- Blue (60%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (73%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278207896 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 4278207896 by changing the saturation by 10% instead.

 4278207896

 4278207896

4294967295

 4278202238

 4283725007

 4278197348

 4285697772

 4278190156

 4287604991

 4278191156

 4289512447

 4278190622

 4291420159

 4278190080

 4293393663

 4278207896

 4279192984

■ 4280178328

■ 4281228952

■ 4282214040

■ 4283199128

■ 4284184472

■ 4285169560

■ 4286220184

■ 4287205528

Harmonies

Analogous

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



4278211226



4278207896



4284952449

Triad

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



4278207896



4286721033



4278212917

Complementary

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



4278207896



4288172800

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.



4278211845



4278207896



4284956672

Square

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



4278207896



4287566642



4282600960



4278213216

Rectangle

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



4278207896



4286586473



4282600960



4278212646

Sweetspot

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



4278207896



4287210692



4278229073



4282404963



4293125091



4284703587

Same Dimension

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



4278207896



4278213060



4278517912



4282730573



4278206604



4278191629

Inverse Universe

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



4288151621



4291035225



4287862784



4283254088



4287365184



4279042054

Previews

White Background



This preview shows how the Android color 4278207896 looks on a white background.

Color Contrast Check

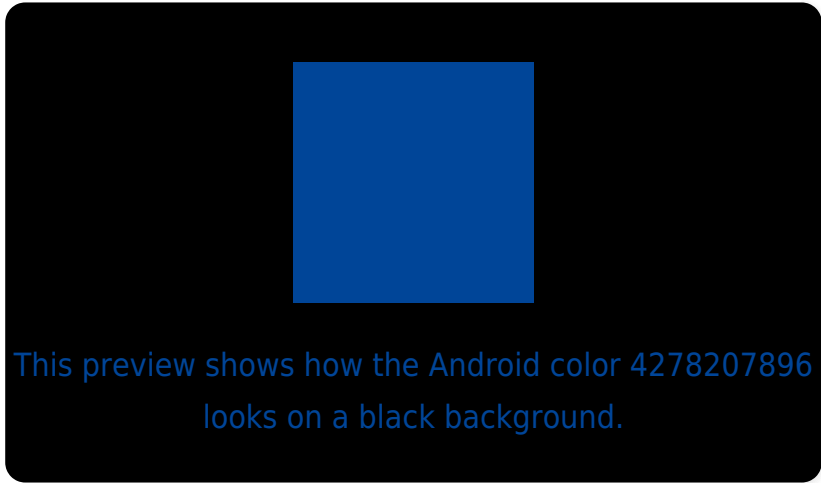
Large Text (above 18pt) WCAG AA ✓ Pass

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

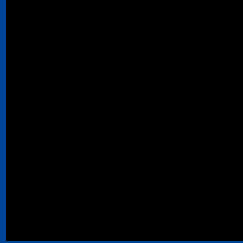
Any Text WCAG AA × Fail

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 4278207896 Background



This preview shows how black text looks on a background with the Android color 4278207896.



This preview shows how white text looks on a background with the Android color 4278207896.

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

4278207896

Protanopia

4278208149

Deuteranopia

4278209152

Trichromacy



Original Color
4278207896

Protanomaly
4278208150

Deuteranomaly
4278208649

Tritanomaly
4278209902

Monochromacy



Original Color
4278207896

Achromatopsia
4282006074

Achromatomaly
4280630876

CSS Examples

Text

The CSS property to change the color of the text to Android 4278207896 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(0, 69, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 69, 152) }
```

Border

The CSS property to change the border of an element to Android 4278207896 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, 152) }
```

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

```
.border{ border-color:rgb(0, 69, 152) }
```

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, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 69, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 69, 152);  
box-shadow:4px 4px 4px 4px rgb(0, 69, 152)  
}
```

Background

The CSS property to change the background color of an element to Android 4278207896 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, 152) }
```

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

```
.background{ background-color: rgb(0, 69,  
152) }
```

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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