

Converting Colors

Android(4278208177)

Have a look what the booklet for
Android(4278208177) contains.

Android(4278208177)	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(4278208177)

Conversions

Conversions Part 1

Format	Color
Hex	0046B1
RGB	0, 70, 177
RGB Percent	0%, 27%, 69%
CMY	1.0000, 0.7255, 0.3059
CMYK	1.00, 0.60, 0.00, 0.31
HSL	216°, 100%, 35%
HSV	216°, 100%, 69%
XYZ	10.1260, 7.5546, 42.5195
YIQ	61.2680, -76.0670, 18.4370

Conversions

Conversions Part 2

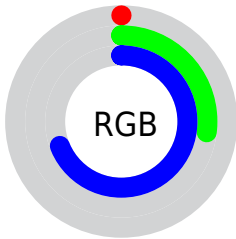
Format	Color
RYB	0, 50, 177
Decimal	18097
CIELab	33.04, 25.66, -61.64
CIELCh	33, 66.767, 292.602
Yxy	7.5546, 0.1682, 0.1255
Android (android.graphics.Color)	4278208177 (0xFF0046B1)
YUV	61.2680, 57.0559, -53.7320
Hunter-Lab	27.4857, 17.6609, -72.4796

Details

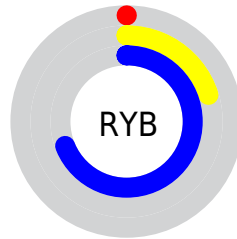
The Android color `4278208177` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4289817344`, and the grayscale version is `4282203453`.

A 20% lighter version of the original color is `4284249834`, and `4278197627` is the 20% darker color. If you saturate the color by 10%, you get `4278208177`, and if you desaturate by 10%, it is `4279390641`.

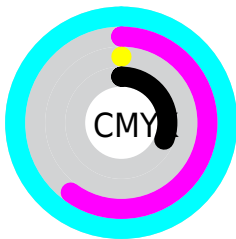
Distribution



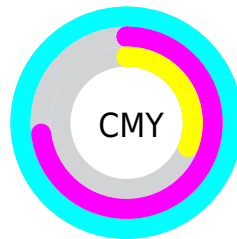
- Red (0%)
- Green (27%)
- Blue (69%)



- Red (0%)
- Yellow (20%)
- Blue (69%)



- Cyan (100%)
- Magenta (60%)
- Yellow (0%)
- Black (31%)



- Cyan (100%)
- Magenta (73%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278208177 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 4278208177 by changing the saturation by 10% instead.

 4278208177

 4278208177

4294967295

 4278202518

 4284249834

 4278197627

 4286287871

 4278191714

 4288260607

 4278192457

 4290233855

 4278191153

 4292206847

 4278190363

 4294245887

 4278190080

 4278208177

 4279390641

■ 4280507313

■ 4281689777

■ 4282872241

■ 4284054705

■ 4285171377

■ 4286353841

■ 4287536305

■ 4288652977

Harmonies

Analogous

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



4278213048



4278208177



4286391183

Triad

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



4278208177



4287572736



4278215230

Complementary

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



4278208177



4289817344

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.



4278214144



4278208177



4285220608

Square

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



4278208177



4288938025



4282013440



4278215541

Rectangle

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



4278208177



4288217199



4282013440



4278214956

Sweetspot

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



4278208177



4288789734



4278235498



4282997363



4294111986



4285756275

Same Dimension

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



4278208177



4278213606



4279369905



4283454553



4278205849



4278192666

Inverse Universe

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



4289790022



4293263451



4288655616



4284043348



4288217149



4279894026

Previews

White Background



This preview shows how the Android color 4278208177 looks on a white background.

Color Contrast Check

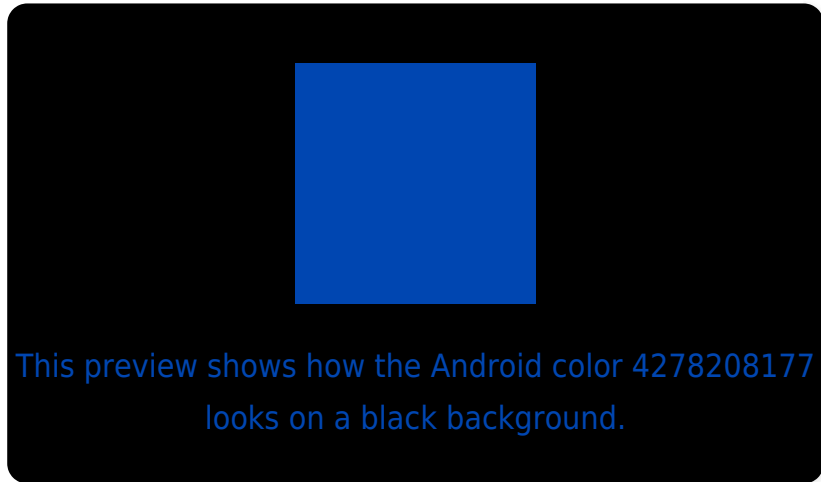
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278208177 Background



This preview shows how black text looks on a background with the Android color 4278208177.



This preview shows how white text looks on a background with the Android color 4278208177.

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

4278208177

Protanopia

4278209439

Deuteranopia

4278210696

Trichromacy



Original Color
4278208177

Protanomaly
4278208934

Deuteranomaly
4278209687

Tritanomaly
4278210939

Monochromacy



Original Color
4278208177

Achromatopsia
4282203453

Achromatomaly
4280762471

CSS Examples

Text

The CSS property to change the color of the text to Android 4278208177 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, 70, 177)` looks like.

```
.text, #text, p{  
    color:rgb(0, 70, 177)  
}
```

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, 70, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 70, 177) }
```

Border

The CSS property to change the border of an element to Android 4278208177 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, 70, 177) }
```

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

```
.border{ border-color:rgb(0, 70, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 70, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 70, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 70, 177);  
box-shadow:4px 4px 4px 4px rgb(0, 70, 177)  
}
```

Background

The CSS property to change the background color of an element to Android 4278208177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 70, 177) }
```

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

```
.background{ background-color: rgb(0, 70,  
177) }
```

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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