

Converting Colors

Android(4278204091)

Have a look what the booklet for
Android(4278204091) contains.

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Color

Android(4278204091)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 0036BB |
| RGB | 0, 54, 187 |
| RGB Percent | 0%, 21%, 73% |
| CMY | 1.0000, 0.7882, 0.2667 |
| CMYK | 1.00, 0.71, 0.00, 0.27 |
| HSL | 223°, 100%, 37% |
| HSV | 223°, 100%, 73% |
| XYZ | 10.2888, 6.2262, 47.6732 |
| YIQ | 53.0160, -74.8770, 29.9150 |

Conversions

Conversions Part 2

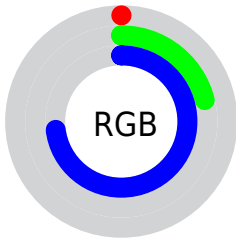
| Format | Color |
|-------------------------------------|-------------------------------|
| R _{YB} | 0, 42, 187 |
| Decimal | 14011 |
| CIE _{Lab} | 29.98, 40.12, -72.60 |
| CIE _{LCh} | 30, 82.948, 298.926 |
| Yxy | 6.2262, 0.1603, 0.0970 |
| Android (android.graphics.Color) | 4278204091 (0xFF0036BB) |
| YUV | 53.0160, 66.0541, -46.4950 |
| Hunter-Lab | 24.9523, 29.9358, -95.8111 |

Details

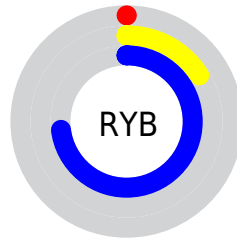
The Android color `4278204091` is a dark color, and the websafe version is hex `0033CC`. A complement of this color would be `4290479360`, and the grayscale version is `4281611316`.

A 20% lighter version of the original color is `4284573172`, and `4278193796` is the 20% darker color. If you saturate the color by 10%, you get `4278204091`, and if you desaturate by 10%, it is `4279452603`.

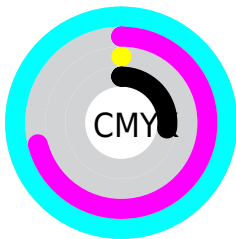
Distribution



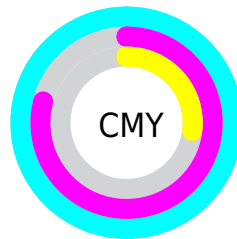
- Red (0%)
- Green (21%)
- Blue (73%)



- Red (0%)
- Yellow (16%)
- Blue (73%)



- Cyan (100%)
- Magenta (71%)
- Yellow (0%)
- Black (27%)



- Cyan (100%)
- Magenta (79%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278204091 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 4278204091 by changing the saturation by 10% instead.

 4278204091

 4278204091

4294967295

 4278198687

 4284573172

 4278193796

 4286676735

 4278190186

 4288715007

 4278192977

 4290687999

 4278191417

 4292726527

 4278190626

 4294765567

 4278190089

 4278190080

 4278204091

■ 4279452603

■ 4280635835

■ 4281884347

■ 4283132859

■ 4284381627

■ 4285564603

■ 4286813115

■ 4288061627

■ 4289244859

Harmonies

Analogous

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



4278211276



4278204091



4287365259

Triad

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



4278204091



4287176448



4278213699

Complementary

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



4278204091



4290479360

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.



4278213120



4278204091



4284040192

Square

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



4278204091



4289200142



4278539264



4278214277

Rectangle

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



4278204091



4289134689



4278539264



4278213675

Sweetspot

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



4278204091



4289380338



4278238083



4283325306



4294638330



4286216826

Same Dimension

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



4278204091



4278208242



4280615099



4283783262



4278202014



4278192415

Inverse Universe

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



4290445366



4294049862



4288068352



4284372312



4288544814



4280221705

Previews

White Background



This preview shows how the Android color 4278204091 looks on a white background.

Color Contrast Check

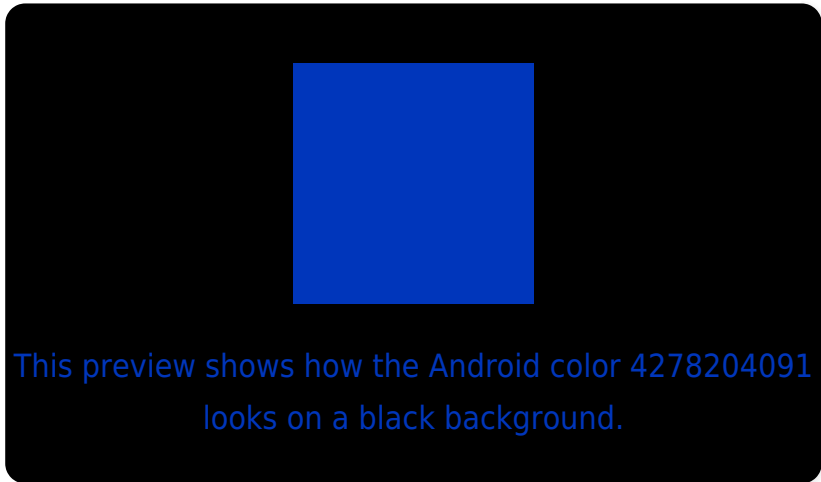
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278204091 Background



This preview shows how black text looks on a background with the Android color 4278204091.



This preview shows how white text looks on a background with the Android color 4278204091.

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

4278204091

Protanopia

4278207632

Deuteranopia

4278208891

Trichromacy



Original Color
4278204091

Protanomaly
4278206368

Deuteranomaly
4278207122

Tritanomaly
4278208121

Monochromacy



Original Color
4278204091

Achromatopsia
4281677109

Achromatomaly
4280431974

CSS Examples

Text

The CSS property to change the color of the text to Android 4278204091 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, 54, 187)` looks like.

```
.text, #text, p{  
    color:rgb(0, 54, 187)  
}
```

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, 54, 187) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 54, 187) }
```

Border

The CSS property to change the border of an element to Android 4278204091 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, 54, 187) }
```

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

```
.border{ border-color:rgb(0, 54, 187) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 54, 187)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 54, 187); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 54, 187);  
box-shadow:4px 4px 4px 4px rgb(0, 54, 187)  
}
```

Background

The CSS property to change the background color of an element to Android 4278204091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 54, 187) }
```

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

```
.background{ background-color: rgb(0, 54,  
187) }
```

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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