

Converting Colors

Android(4278202788)

Have a look what the booklet for
Android(4278202788) contains.

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Color

Android(4278202788)

Conversions

Conversions Part 1

Format	Color
Hex	0031A4
RGB	0, 49, 164
RGB Percent	0%, 19%, 64%
CMY	1.0000, 0.8078, 0.3569
CMYK	1.00, 0.70, 0.00, 0.36
HSL	222°, 100%, 32%
HSV	222°, 100%, 64%
XYZ	7.7992, 4.8770, 35.6522
YIQ	47.4590, -66.1190, 25.3770

Conversions

Conversions Part 2

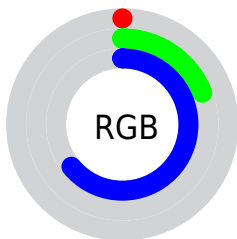
Format	Color
RYB	0, 38, 164
Decimal	12708
CIELab	26.38, 34.60, -64.78
CIELCh	26, 73.438, 298.105
Yxy	4.8770, 0.1614, 0.1009
Android (android.graphics.Color)	4278202788 (0xFF0031A4)
YUV	47.4590, 57.4547, -41.6215
Hunter-Lab	22.0838, 24.3925, -80.2593

Details

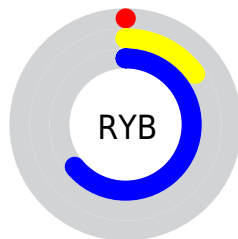
The Android color `4278202788` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288967424`, and the grayscale version is `4281282351`.

A 20% lighter version of the original color is `4284112860`, and `4278192751` is the 20% darker color. If you saturate the color by 10%, you get `4278202788`, and if you desaturate by 10%, it is `4279254180`.

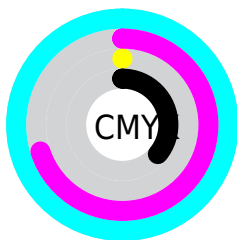
Distribution



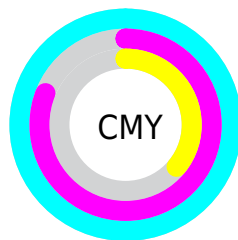
- Red (0%)
- Green (19%)
- Blue (64%)



- Red (0%)
- Yellow (15%)
- Blue (64%)



- Cyan (100%)
- Magenta (70%)
- Yellow (0%)
- Black (36%)



- Cyan (100%)
- Magenta (81%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278202788 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 4278202788 by changing the saturation by 10% instead.

 4278202788

 4278202788

4294967295

 4278197385

 4284112860

 4278192751

 4286150905

 4278190166

 4288123647

 4278191677

 4290030847

 4278190886

 4292004095

 4278190352

 4293977343

 4278190080

 4278202788

 4279254180

■ 4280371364

■ 4281423012

■ 4282539940

■ 4283591332

■ 4284642980

■ 4285760164

■ 4286811556

■ 4287928740

Harmonies

Analogous

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



4278208946



4278202788



4286120059

Triad

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



4278202788



4286127104



4278211129

Complementary

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



4278202788



4288967424

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.



4278210304



4278202788



4283513856

Square

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



4278202788



4287889422



4279257600



4278211443

Rectangle

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



4278202788



4287692887



4279257600



4278210853

Sweetspot

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



4278202788



4288063958



4278232179



4282732651



4293651435



4285229931

Same Dimension

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



4278202788



4278206678



4280352932



4282993746



4278201233



4278191378

Inverse Universe

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



4288938033



4292214848



4286817280



4283582796



4287692843



4279369733

Previews

White Background



This preview shows how the Android color 4278202788 looks on a white background.

Color Contrast Check

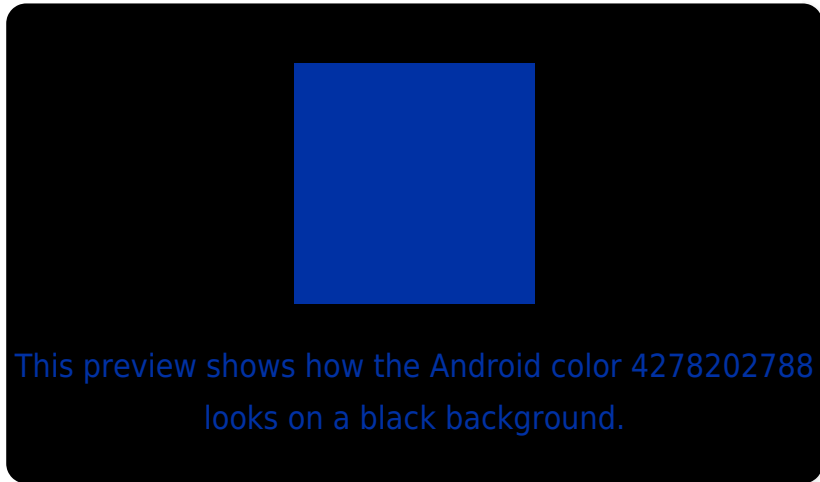
Large Text (above 18pt) WCAG AA ✓ Pass

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

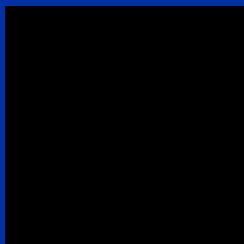
Any Text WCAG AA × Fail

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 4278202788 Background



This preview shows how black text looks on a background with the Android color 4278202788.



This preview shows how white text looks on a background with the Android color 4278202788.

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

4278202788

Protanopia

4278205824

Deuteranopia

4278206829

Trichromacy



Original Color

4278202788

Protanomaly

4278204813

Deuteranomaly

4278205313

Tritanomaly

4278206059

Monochromacy



Original Color

4278202788

Achromatopsia

4281282351

Achromatomaly

4280168538

CSS Examples

Text

The CSS property to change the color of the text to Android 4278202788 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, 49, 164)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 164)  
}
```

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, 49, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 164) }
```

Border

The CSS property to change the border of an element to Android 4278202788 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, 49, 164) }
```

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

```
.border{ border-color:rgb(0, 49, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 49, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 49, 164);  
box-shadow:4px 4px 4px 4px rgb(0, 49, 164)  
}
```

Background

The CSS property to change the background color of an element to Android 4278202788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 49, 164) }
```

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

```
.background{ background-color: rgb(0, 49,  
164) }
```

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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