

Converting Colors

Android(4278202992)

Have a look what the booklet for
Android(4278202992) contains.

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Color

Android(4278202992)

Conversions

Conversions Part 1

Format	Color
Hex	003270
RGB	0, 50, 112
RGB Percent	0%, 20%, 44%
CMY	1.0000, 0.8039, 0.5608
CMYK	1.00, 0.55, 0.00, 0.56
HSL	213°, 100%, 22%
HSV	213°, 100%, 44%
XYZ	4.0652, 3.4511, 15.7811
YIQ	42.1180, -49.7020, 8.6820

Conversions

Conversions Part 2

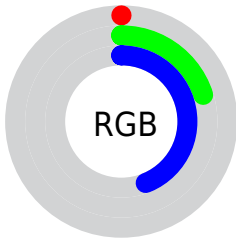
Format	Color
R_{YB}	0, 35, 112
Decimal	12912
CIE _{Lab}	21.77, 12.07, -39.94
CIE _{LCh}	22, 41.726, 286.815
Yxy	3.4511, 0.1745, 0.1481
Android (android.graphics.Color)	4278202992 (0xFF003270)
YUV	42.1180, 34.4518, -36.9375
Hunter-Lab	18.5770, 6.5516, -37.3627

Details

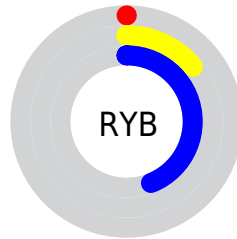
The Android color **4278202992** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285545984**, and the grayscale version is **4280953386**.

A 20% lighter version of the original color is **4282933412**, and **4278190911** is the 20% darker color. If you saturate the color by 10%, you get **4278202992**, and if you desaturate by 10%, it is **4278925424**.

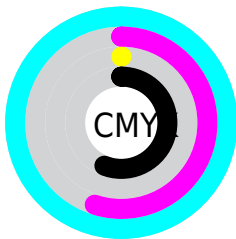
Distribution



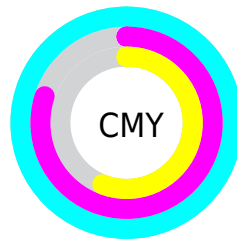
- Red (0%)
- Green (20%)
- Blue (44%)



- Red (0%)
- Yellow (14%)
- Blue (44%)



- Cyan (100%)
- Magenta (55%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (80%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278202992 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 4278202992 by changing the saturation by 10% instead.

■ 4278202992

■ 4278202992

4294967295

■ 4278197847

■ 4282933412

■ 4278190911

■ 4284709056

■ 4278190889

■ 4286550748

■ 4278190355

■ 4288326905

■ 4278190080

■ 4290234367

■ 4292076543

■ 4294049791

■ 4278202992

■ 4278925424

■ 4279647856

■ 4280436080

■ 4281158512

■ 4281880944

■ 4282603376

■ 4283325808

■ 4284114032

■ 4284836464

Harmonies

Analogous

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



4278205553



4278202992



4283048543

Triad

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



4278202992



4284489220



4278206757

Complementary

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



4278202992



4285545984

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.



4278402562



4278202992



4283182592

Square

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



4278202992



4285074724



4281481216



4278207045

Rectangle

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



4278202992



4284290637



4281481216



4278206490

Sweetspot

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



4278202992



4284905873



4278218814



4281285450



4291414473



4283058762

Same Dimension

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



4278202992



4278206865



4278583408



4281480504



4278204024



4278218487

Inverse Universe

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



4285530162



4287692865



4285165568



4281872949



4286054454



4294377582

Previews

White Background



This preview shows how the Android color 4278202992 looks on a white background.

Color Contrast Check

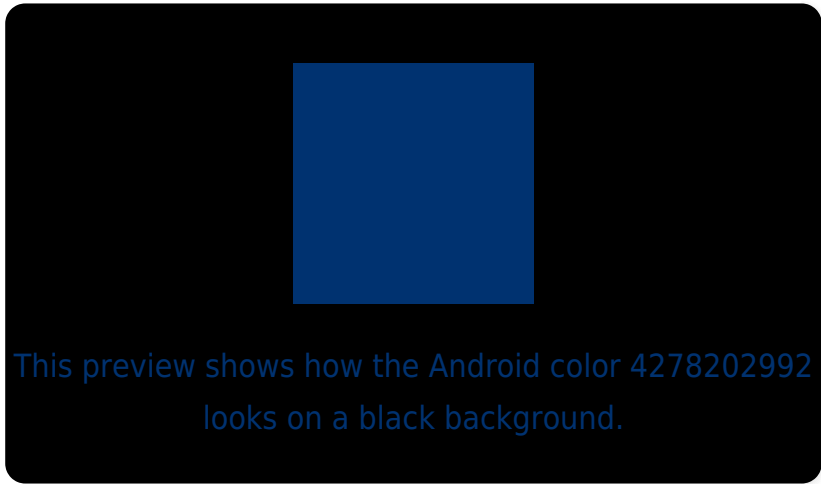
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278202992 Background



This preview shows how black text looks on a background with the Android color 4278202992.



This preview shows how white text looks on a background with the Android color 4278202992.

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
4278202992

Protanopia
4278203244

Deuteranopia
4278203997

Trichromacy



Original Color

4278202992

Protanomaly

4278203245

Deuteranomaly

4278203748

Tritanomaly

4278204496

Monochromacy



Original Color

4278202992

Achromatopsia

4280953386

Achromatomaly

4279971139

CSS Examples

Text

The CSS property to change the color of the text to Android 4278202992 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, 50, 112)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 112)  
}
```

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, 50, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 112) }
```

Border

The CSS property to change the border of an element to Android 4278202992 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, 50, 112) }
```

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

```
.border{ border-color:rgb(0, 50, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 50, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 50, 112);  
box-shadow:4px 4px 4px 4px rgb(0, 50, 112)  
}
```

Background

The CSS property to change the background color of an element to Android 4278202992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 50, 112) }
```

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

```
.background{ background-color: rgb(0, 50,  
112) }
```

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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