

Converting Colors

Android(4278203010)

Have a look what the booklet for
Android(4278203010) contains.

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Color

Android(4278203010)

Conversions

Conversions Part 1

Format	Color
Hex	003282
RGB	0, 50, 130
RGB Percent	0%, 20%, 51%
CMY	1.0000, 0.8039, 0.4902
CMYK	1.00, 0.62, 0.00, 0.49
HSL	217°, 100%, 25%
HSV	217°, 100%, 51%
XYZ	5.1699, 3.8929, 21.5980
YIQ	44.1700, -55.4800, 14.2800

Conversions

Conversions Part 2

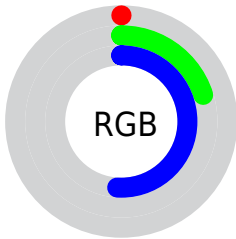
Format	Color
RYB	0, 36, 130
Decimal	12930
CIELab	23.31, 19.99, -48.86
CIELCh	23, 52.787, 292.250
Yxy	3.8929, 0.1686, 0.1270
Android (android.graphics.Color)	4278203010 (0xFF003282)
YUV	44.1700, 42.3142, -38.7371
Hunter-Lab	19.7305, 12.2431, -51.0907

Details

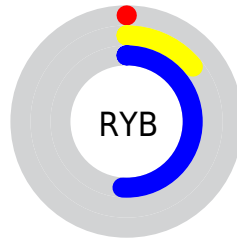
The Android color **4278203010** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4286730240**, and the grayscale version is **4281084972**.

A 20% lighter version of the original color is **4283326648**, and **4278191696** is the 20% darker color. If you saturate the color by 10%, you get **4278203010**, and if you desaturate by 10%, it is **4279057026**.

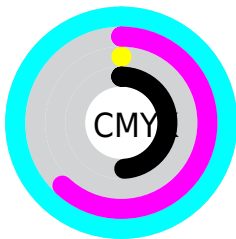
Distribution



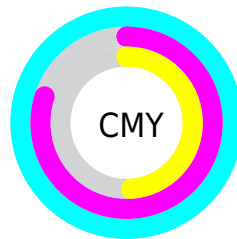
- Red (0%)
- Green (20%)
- Blue (51%)



- Red (0%)
- Yellow (14%)
- Blue (51%)



- Cyan (100%)
- Magenta (62%)
- Yellow (0%)
- Black (49%)



- Cyan (100%)
- Magenta (80%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278203010 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 4278203010 by changing the saturation by 10% instead.

 4278203010

 4278203010

4294967295

 4278197864

 4283326648

 4278191696

 4285233364

 4278191416

 4287075056

 4278190625

 4288916735

 4278190087

 4290824447

 4278190080

 4292732159

 4294705151

 4278203010

■ 4279057026

■ 4279911042

■ 4280765058

■ 4281619074

■ 4282473090

■ 4283327106

■ 4284181122

■ 4285035138

■ 4285889154

Harmonies

Analogous

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



4278206599



4278203010



4284160105

Triad

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



4278203010



4285078784



4278208300

Complementary

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



4278203010



4286730240

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.



4278207488



4278203010



4283314688

Square

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



4278203010



4286054429



4280892928



4278208597

Rectangle

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



4278203010



4285530193



4280892928



4278208030

Sweetspot

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



4278203010



4285958568



4278223438



4281746004



4292138196



4283716692

Same Dimension

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



4278203010



4278206888



4279042178



4281941056



4278202752



4278190080

Inverse Universe

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



4286709810



4289200193



4285891072



4282399036



4286578737



4278190080

Previews

White Background



This preview shows how the Android color 4278203010 looks on a white background.

Color Contrast Check

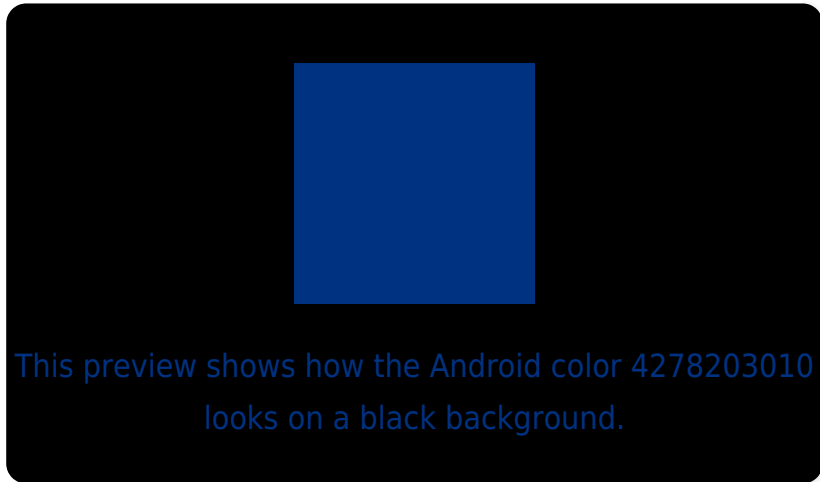
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278203010 Background



This preview shows how black text looks on a background with the Android color 4278203010.



This preview shows how white text looks on a background with the Android color 4278203010.

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

4278203010

Protanopia

4278204019

Deuteranopia

4278205026

Trichromacy



Original Color
4278203010

Protanomaly
4278203768

Deuteranomaly
4278204270

Tritanomaly
4278205017

Monochromacy



Original Color
4278203010

Achromatopsia
4281084972

Achromatomaly
4280036939

CSS Examples

Text

The CSS property to change the color of the text to Android 4278203010 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(0, 50, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 50, 130) }
```

Border

The CSS property to change the border of an element to Android 4278203010 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, 130) }
```

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

```
.border{ border-color:rgb(0, 50, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 50, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 50, 130);  
box-shadow:4px 4px 4px 4px rgb(0, 50, 130)  
}
```

Background

The CSS property to change the background color of an element to Android 4278203010 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, 130) }
```

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

```
.background{ background-color: rgb(0, 50,  
130) }
```

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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