

Converting Colors

Android(4278206105)

Have a look what the booklet for
Android(4278206105) contains.

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Color

Android(4278206105)

Conversions

Conversions Part 1

Format	Color
Hex	003E99
RGB	0, 62, 153
RGB Percent	0%, 24%, 60%
CMY	1.0000, 0.7569, 0.4000
CMYK	1.00, 0.59, 0.00, 0.40
HSL	216°, 100%, 30%
HSV	216°, 100%, 60%
XYZ	7.4724, 5.7452, 30.8521
YIQ	53.8360, -66.1630, 15.1570

Conversions

Conversions Part 2

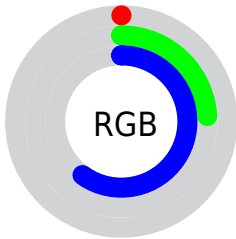
Format	Color
RYB	0, 44, 153
Decimal	16025
CIELab	28.76, 21.26, -54.19
CIELCh	29, 58.212, 291.425
Yxy	5.7452, 0.1696, 0.1304
Android (android.graphics.Color)	4278206105 (0xFF003E99)
YUV	53.8360, 48.8879, -47.2142
Hunter-Lab	23.9691, 13.7018, -59.5375

Details

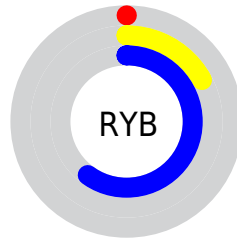
The Android color **4278206105** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **4288240384**, and the grayscale version is **4281677109**.

A 20% lighter version of the original color is **4283788752**, and **4278195813** is the 20% darker color. If you saturate the color by 10%, you get **4278206105**, and if you desaturate by 10%, it is **4279191449**.

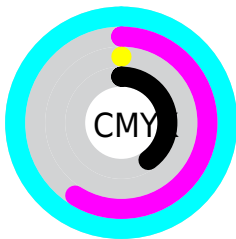
Distribution



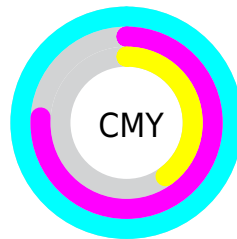
- Red (0%)
- Green (24%)
- Blue (60%)



- Red (0%)
- Yellow (17%)
- Blue (60%)



- Cyan (100%)
- Magenta (59%)
- Yellow (0%)
- Black (40%)



- Cyan (100%)
- Magenta (76%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278206105 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 4278206105 by changing the saturation by 10% instead.

 4278206105

 4278206105

4294967295

 4278200703

 4283788752

 4278195813

 4285761261

 4278190156

 4287668479

 4278191412

 4289575935

 4278190622

 4291483647

 4278190081

 4293456895

 4278190080

 4278206105

 4279191449

■ 4280242329

■ 4281227673

■ 4282213017

■ 4283263897

■ 4284249497

■ 4285234841

■ 4286220185

■ 4287271065

Harmonies

Analogous

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



4278210206



4278206105



4285211261

Triad

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



4278206105



4286457344



4278211893

Complementary

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



4278206105



4288240384

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.



4278211072



4278206105



4284431616

Square

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



4278206105



4287496230



4281748224



4278212196

Rectangle

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



4278206105



4286775650



4281748224



4278211621

Sweetspot

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



4278206105



4287341511



4278229337



4282404451



4293125091



4284703587

Same Dimension

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



4278206105



4278211015



4279042201



4282730573



4278204812



4278191373

Inverse Universe

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



4288217150



4291231825



4287404288



4283254088



4287365177



4279042053

Previews

White Background



This preview shows how the Android color 4278206105 looks on a white background.

Color Contrast Check

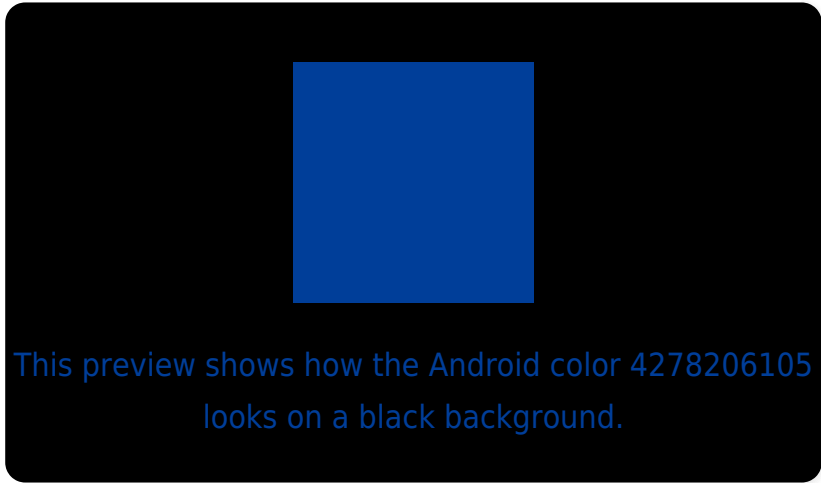
Large Text (above 18pt) WCAG AA ✓ Pass

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

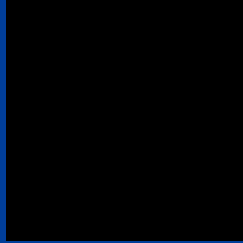
Any Text WCAG AA × Fail

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 4278206105 Background



This preview shows how black text looks on a background with the Android color 4278206105.



This preview shows how white text looks on a background with the Android color 4278206105.

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

4278206105

Protanopia

4278207115

Deuteranopia

4278208119

Trichromacy



Original Color

4278206105

Protanomaly

4278206864

Deuteranomaly

4278207363

Tritanomaly

4278208363

Monochromacy



Original Color

4278206105

Achromatopsia

4281742902

Achromatomaly

4280432986

CSS Examples

Text

The CSS property to change the color of the text to Android 4278206105 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, 62, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 62, 153)  
}
```

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, 62, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 62, 153) }
```

Border

The CSS property to change the border of an element to Android 4278206105 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, 62, 153) }
```

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

```
.border{ border-color:rgb(0, 62, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 62, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 62, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 62, 153);  
box-shadow:4px 4px 4px 4px rgb(0, 62, 153)  
}
```

Background

The CSS property to change the background color of an element to Android 4278206105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 62, 153) }
```

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

```
.background{ background-color: rgb(0, 62,  
153) }
```

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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