

Converting Colors

Android(4278195520)

Have a look what the booklet for
Android(4278195520) contains.

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Color

Android(4278195520)

Conversions

Conversions Part 1

Format	Color
Hex	001540
RGB	0, 21, 64
RGB Percent	0%, 8%, 25%
CMY	1.0000, 0.9176, 0.7490
CMYK	1.00, 0.67, 0.00, 0.75
HSL	220°, 100%, 13%
HSV	220°, 100%, 25%
XYZ	1.1936, 0.9065, 4.9626
YIQ	19.6230, -26.3190, 8.9210

Conversions

Conversions Part 2

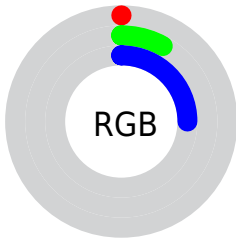
Format	Color
RYB	0, 16, 64
Decimal	5440
CIELab	8.19, 11.96, -29.74
CIELCh	8, 32.056, 291.916
Yxy	0.9065, 0.1690, 0.1284
Android (android.graphics.Color)	4278195520 (0xFF001540)
YUV	19.6230, 21.8779, -17.2094
Hunter-Lab	9.5210, 5.7155, -24.2385

Details

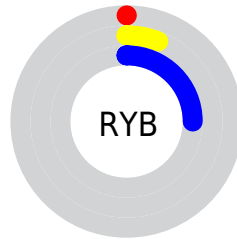
The Android color **4278195520** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **4282395392**, and the grayscale version is **4279440147**.

A 20% lighter version of the original color is **4281810800**, and **4278190356** is the 20% darker color. If you saturate the color by 10%, you get **4278195520**, and if you desaturate by 10%, it is **4278589760**.

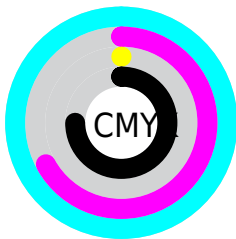
Distribution



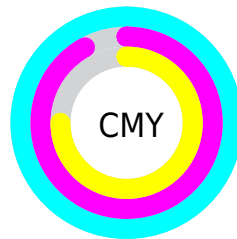
- Red (0%)
- Green (8%)
- Blue (25%)



- Red (0%)
- Yellow (6%)
- Blue (25%)



- Cyan (100%)
- Magenta (67%)
- Yellow (0%)
- Black (75%)



- Cyan (100%)
- Magenta (92%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278195520 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 4278195520 by changing the saturation by 10% instead.

 4278195520

 4278195520

 4294243839

 4278190122

 4281810800

 4278190356

 4283455114

 4278190080

 4285165221

 4286875584

 4288651996

 4290493944

 4292335871

 4278195520

■ 4278589760

■ 4279049792

■ 4279444032

■ 4279903808

■ 4280298304

■ 4280692544

■ 4281152320

■ 4281546560

■ 4282006592

Harmonies

Analogous

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



4278197571



4278195520



4281010226

Triad

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



4278195520



4281534976



4278199056

Complementary

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



4278195520



4282395392

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.



4278198272



4278195520



4280554752

Square

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



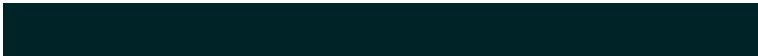
4278195520



4282122243



4279114752



4278199079

Rectangle

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



4278195520



4281729062



4279114752



4278198788

Sweetspot

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



4278195520



4282073940



4278206507



4280033579



4289440683



4281019179

Same Dimension

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



4278195520



4278197332



4278911040



4280164129



4278198369



4278209248

Inverse Universe

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



4282384405



4283695132



4281679872



4280360479



4284547104



4292870218

Previews

White Background



This preview shows how the Android color 4278195520 looks on a white background.

Color Contrast Check

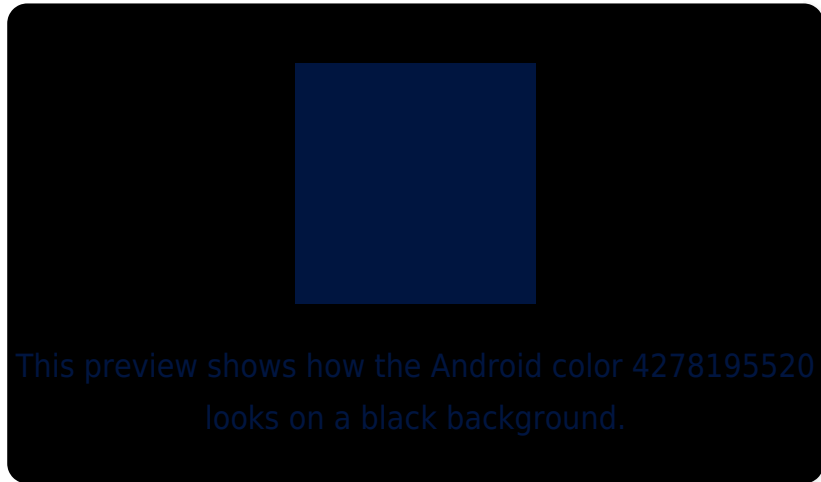
Large Text (above 18pt) WCAG AA ✓ Pass

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

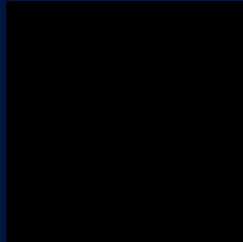
Any Text WCAG AA × Fail

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 4278195520 Background



This preview shows how black text looks on a background with the Android color 4278195520.



This preview shows how white text looks on a background with the Android color 4278195520.

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
4278195520

Protanopia
4278196532

Deuteranopia
4278196780

Trichromacy



Original Color

4278195520

Protanomaly

4278196280

Deuteranomaly

4278196275

Tritanomaly

4278196522

Monochromacy



Original Color

4278195520

Achromatopsia

4279505940

Achromatomaly

4279047204

CSS Examples

Text

The CSS property to change the color of the text to Android 4278195520 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, 21, 64)` looks like.

```
.text, #text, p{  
    color:rgb(0, 21, 64)  
}
```

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, 21, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 21, 64) }
```

Border

The CSS property to change the border of an element to Android 4278195520 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, 21, 64) }
```

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

```
.border{ border-color:rgb(0, 21, 64) }
```

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

Here you see how a box with a 4 pixel rgb(0, 21, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 21, 64); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 21, 64); box-shadow:4px  
4px 4px 4px rgb(0, 21, 64) }
```

Background

The CSS property to change the background color of an element to Android 4278195520 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 21, 64) }
```

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

```
.background{ background-color: rgb(0, 21,  
64) }
```

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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