

Converting Colors

Android(4278333020)

Have a look what the booklet for
Android(4278333020) contains.

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Color

Android(4278333020)

Conversions

Conversions Part 1

Format	Color
Hex	022E5C
RGB	2, 46, 92
RGB Percent	1%, 18%, 36%
CMY	0.9922, 0.8196, 0.6392
CMYK	0.98, 0.50, 0.00, 0.64
HSL	211°, 96%, 18%
HSV	211°, 98%, 36%
XYZ	2.9338, 2.7396, 10.4994
YIQ	38.0880, -40.9900, 4.9780

Conversions

Conversions Part 2

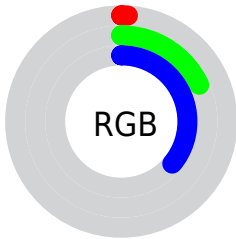
Format	Color
R_{YB}	2, 32, 92
Decimal	142940
CIE _{Lab}	18.97, 6.11, -31.42
CIE _{LCh}	19, 32.010, 281.011
Yxy	2.7396, 0.1814, 0.1694
Android (android.graphics.Color)	4278333020 (0xFF022E5C)
YUV	38.0880, 26.5786, -31.6492
Hunter-Lab	16.5517, 2.6736, -26.0236

Details

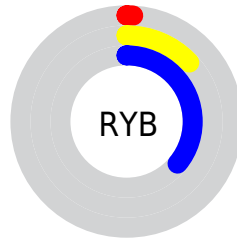
The Android color **4278333020** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284231682**, and the grayscale version is **4280690214**.

A 20% lighter version of the original color is **4282538895**, and **4278190638** is the 20% darker color. If you saturate the color by 10%, you get **4278201692**, and if you desaturate by 10%, it is **4278924124**.

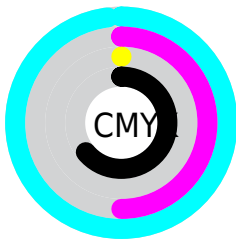
Distribution



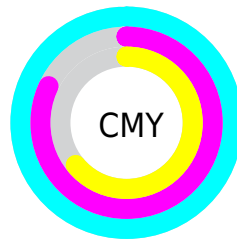
- Red (1%)
- Green (18%)
- Blue (36%)



- Red (1%)
- Yellow (13%)
- Blue (36%)



- Cyan (98%)
- Magenta (50%)
- Yellow (0%)
- Black (64%)



- Cyan (99%)
- Magenta (82%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278333020 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 4278333020 by changing the saturation by 10% instead.

■ 4278333020

■ 4278333020

4294967295

■ 4278196804

■ 4282538895

■ 4278190638

■ 4284249257

■ 4278190360

■ 4286025157

■ 4278190080

■ 4287801313

■ 4289577982

■ 4291419903

■ 4293327871

■ 4278333020

■ 4278333020

■ 4278201692

■ 4278924124

■ 4279514972

■ 4280171612

■ 4280762716

■ 4281353820

■ 4281944668

■ 4282535772

■ 4283192412

■ 4283783260

Harmonies

Analogous

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



4278203738



4278333020



4282000465

Triad

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



4278333020



4283637008



4278204446

Complementary

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



4278333020



4284231682

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.



4279710981



4278333020



4282722048

Square

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



4278333020



4283897383



4281479168



4278204726

Rectangle

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



4278333020



4283046981



4281479168



4278204182

Sweetspot

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



4278333020



4283786872



4278344751



4280824381



4290624957



4282203453

Same Dimension

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



4278333020



4278205304



4278321756



4280888366



4278204014



4278220013

Inverse Universe

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



4284219950



4286054459



4284242946



4281215276



4285399094



4293722228

Previews

White Background



This preview shows how the Android color 4278333020 looks on a white background.

Color Contrast Check

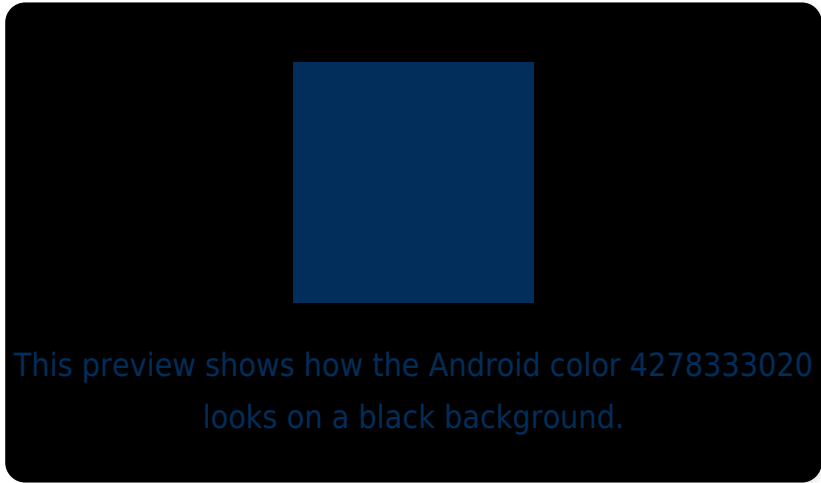
Large Text (above 18pt) WCAG AA ✓ Pass

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

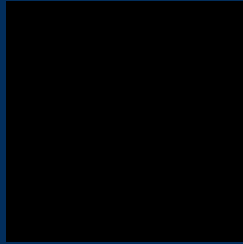
Any Text WCAG AA × Fail

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 4278333020 Background



This preview shows how black text looks on a background with the Android color 4278333020.



This preview shows how white text looks on a background with the Android color 4278333020.

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

4278333020

Protanopia

4279446875

Deuteranopia

4278202451

Trichromacy



Original Color
4278333020

Protanomaly
4279053659

Deuteranomaly
4278267734

Tritanomaly
4278268484

Monochromacy



Original Color
4278333020

Achromatopsia
4280690214

Achromatomaly
4279839034

CSS Examples

Text

The CSS property to change the color of the text to Android 4278333020 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(2, 46, 92)` looks like.

```
.text, #text, p{  
    color:rgb(2, 46, 92)  
}
```

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(2, 46, 92) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 46, 92) }
```

Border

The CSS property to change the border of an element to Android 4278333020 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(2, 46, 92) }
```

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

```
.border{ border-color:rgb(2, 46, 92) }
```

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

Here you see how a box with a 4 pixel rgb(2, 46, 92) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 46, 92); -webkit-box-shadow:4px  
4px 4px 4px rgb(2, 46, 92); box-shadow:4px  
4px 4px 4px rgb(2, 46, 92) }
```

Background

The CSS property to change the background color of an element to Android 4278333020 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 46, 92) }
```

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

```
.background{ background-color: rgb(2, 46,  
92) }
```

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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