

Converting Colors

Android(4280368502)

Have a look what the booklet for
Android(4280368502) contains.

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Color

Android(4280368502)

Conversions

Conversions Part 1

Format	Color
Hex	213D76
RGB	33, 61, 118
RGB Percent	13%, 24%, 46%
CMY	0.8706, 0.7608, 0.5373
CMYK	0.72, 0.48, 0.00, 0.54
HSL	220°, 56%, 30%
HSV	220°, 72%, 46%
XYZ	5.5660, 4.9688, 17.8053
YIQ	59.1260, -34.9850, 11.7910

Conversions

Conversions Part 2

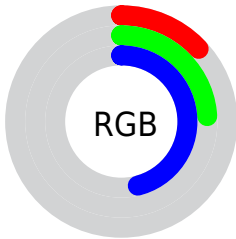
Format	Color
R_{YB}	33, 54, 118
Decimal	2178422
CIE _{Lab}	26.65, 10.35, -35.84
CIE _{LCh}	27, 37.305, 286.103
Yxy	4.9688, 0.1964, 0.1753
Android (android.graphics.Color)	4280368502 (0xFF213D76)
YUV	59.1260, 29.0249, -22.9125
Hunter-Lab	22.2909, 5.5619, -31.7554




Details

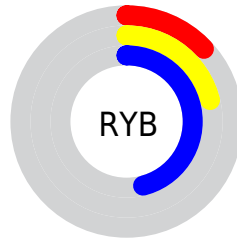
The Android color **4280368502** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4285946401**, and the grayscale version is **4282071867**.




A 20% lighter version of the original color is **4284050603**, and **4278195269** is the 20% darker color. If you saturate the color by 10%, you get **4279580022**, and if you desaturate by 10%, it is **4281156982**.

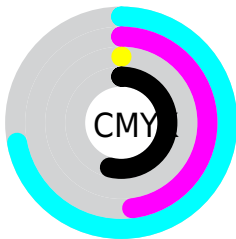
Distribution







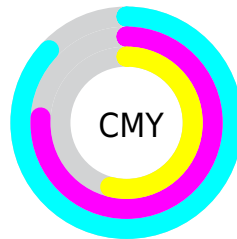
-  Red (13%)
-  Green (24%)
-  Blue (46%)






-  Red (13%)
-  Yellow (21%)
-  Blue (46%)



-  Cyan (72%)
-  Magenta (48%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (87%)
-  Magenta (76%)
-  Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280368502 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 4280368502 by changing the saturation by 10% instead.



4280368502



4280368502

4294967295



4278200413



4284050603



4278195269



4285760966



4278191150



4287602658



4278190361



4289379071



4278190080



4291286783



4293128959



4280368502



4280368502



4279580022



4281156982

■ 4278791542

■ 4281945462

■ 4278200182

■ 4282668406

■ 4283456886

■ 4284245366

■ 4285033590

■ 4285822070

■ 4286545014

■ 4287333494

Harmonies

Analogous

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



4278208118



4280368502



4283641959

Triad

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



4280368502



4285148439



4278209328

Complementary

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



4280368502



4285946401

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.



4280043540



4280368502



4283971840

Square

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



4280368502



4285670193



4282270208



4278209614

Rectangle

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



4280368502



4284819543



4282270208



4278209319

Sweetspot

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



4280368502



4286022297



4280383066



4281941837



4291611852



4283256141

Same Dimension

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



4280368502



4279583129



4281278838



4281677627



4278200442



4278211322

Inverse Universe

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



4285931837



4288222529



4285036065



4282070327



4286185512



4294574162

Previews

White Background



This preview shows how the Android color 4280368502 looks on a white background.

Color Contrast Check

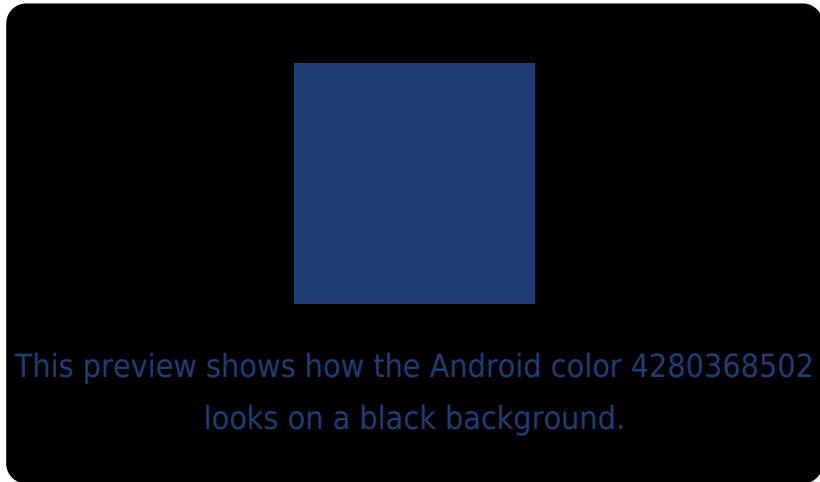
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280368502 Background



This preview shows how black text looks on a background with the Android color 4280368502.



This preview shows how white text looks on a background with the Android color 4280368502.

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

4280368502

Protanopia

4280302966

Deuteranopia

4278206577

Trichromacy



Original Color

4280368502

Protanomaly

4280302966

Deuteranomaly

4278992755

Tritanomaly

4278993755

Monochromacy



Original Color

4280368502

Achromatopsia

4282071867

Achromatomaly

4281482320

CSS Examples

Text

The CSS property to change the color of the text to Android 4280368502 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(33, 61, 118)` looks like.

```
.text, #text, p{  
    color:rgb(33, 61, 118)  
}
```

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(33, 61, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 61, 118) }
```

Border

The CSS property to change the border of an element to Android 4280368502 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(33, 61, 118) }
```

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

```
.border{ border-color:rgb(33, 61, 118) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 61, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 61, 118); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 61, 118);  
box-shadow:4px 4px 4px 4px rgb(33, 61,  
118) }
```

Background

The CSS property to change the background color of an element to Android 4280368502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 61, 118) }
```

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

```
.background{ background-color: rgb(33, 61,  
118) }
```

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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