

Converting Colors

Android(4280370790)

Have a look what the booklet for
Android(4280370790) contains.

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Color

Android(4280370790)

Conversions

Conversions Part 1

Format	Color
Hex	214666
RGB	33, 70, 102
RGB Percent	13%, 27%, 40%
CMY	0.8706, 0.7255, 0.6000
CMYK	0.68, 0.31, 0.00, 0.60
HSL	208°, 51%, 26%
HSV	208°, 68%, 40%
XYZ	5.2156, 5.6630, 13.3885
YIQ	62.5850, -32.3240, 2.1080

Conversions

Conversions Part 2

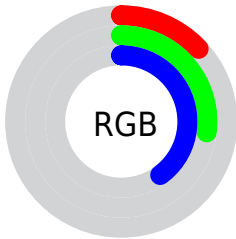
Format	Color
R_{YB}	33, 57, 102
Decimal	2180710
CIE _{Lab}	28.55, -2.00, -22.65
CIE _{LCh}	29, 22.739, 264.942
Yxy	5.6630, 0.2149, 0.2334
Android (android.graphics.Color)	4280370790 (0xFF214666)
YUV	62.5850, 19.4316, -25.9460
Hunter-Lab	23.7970, -2.5225, -16.6996

Details

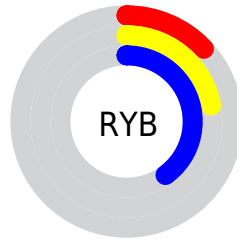
The Android color **4280370790** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4284891425**, and the grayscale version is **4282269246**.

A 20% lighter version of the original color is **4283791001**, and **4278197047** is the 20% darker color. If you saturate the color by 10%, you get **4279714150**, and if you desaturate by 10%, it is **4281027430**.

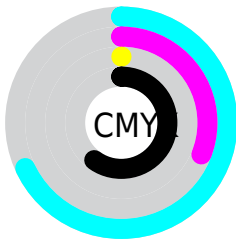
Distribution



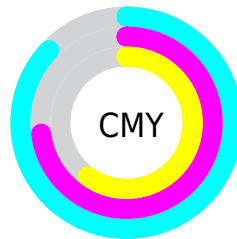
- Red (13%)
- Green (27%)
- Blue (40%)



- Red (13%)
- Yellow (22%)
- Blue (40%)



- Cyan (68%)
- Magenta (31%)
- Yellow (0%)
- Black (60%)



- Cyan (87%)
- Magenta (73%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280370790 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 4280370790 by changing the saturation by 10% instead.

■ 4280370790

■ 4280370790

4294967295

■ 4278202446

■ 4283791001

■ 4278197047

■ 4285501620

■ 4278190626

■ 4287277776

■ 4278190087

■ 4289054188

■ 4278190080

■ 4290896383

■ 4292738815

■ 4294639615

■ 4280370790

■ 4280370790

■ 4279714150

■ 4281027430

■ 4279057766

■ 4281683814

■ 4278335590

■ 4282405990

■ 4278204262

■ 4283062630

■ 4283719270

■ 4284375654

■ 4285032294

■ 4285754470

■ 4286411110

Harmonies

Analogous

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



4278209120



4280370790



4282466403

Triad

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



4280370790



4284823093



4281027119

Complementary

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



4280370790



4284891425

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.



4282402595



4280370790



4284365607

Square

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



4280370790



4284691783



4283515168



4279127104

Rectangle

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



4280370790



4283448156



4283515168



4281485610

Sweetspot

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



4280370790



4285167749



4280378944



4281482050



4290953922



4282532418

Same Dimension

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



4280370790



4279849861



4280362086



4281217331



4278206067



4278223602

Inverse Universe

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



4284883270



4286912851



4284900129



4281544241



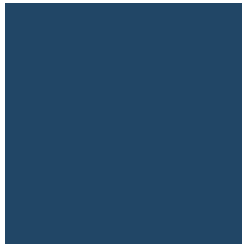
4285726782



4294049922

Previews

White Background



This preview shows how the Android color 4280370790 looks on a white background.

Color Contrast Check

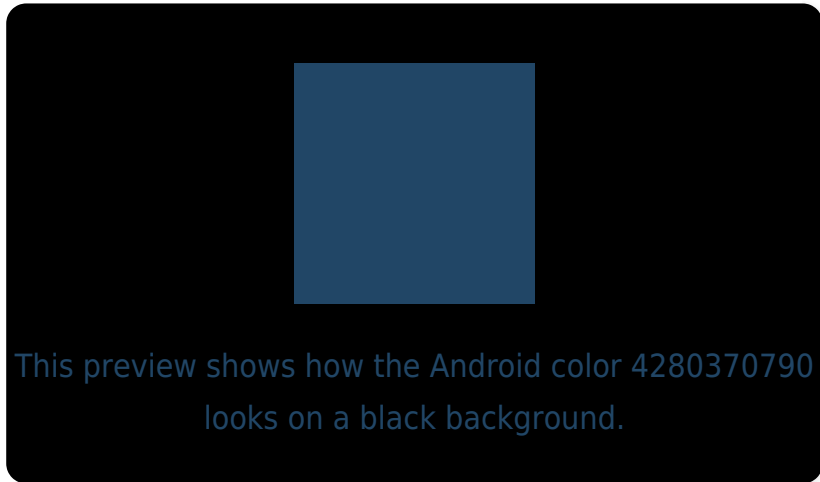
Large Text (above 18pt) WCAG AA ✓ Pass

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

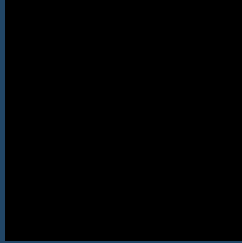
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

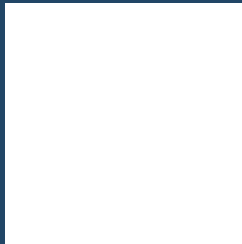
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280370790 Background



This preview shows how black text looks on a background with the Android color 4280370790.

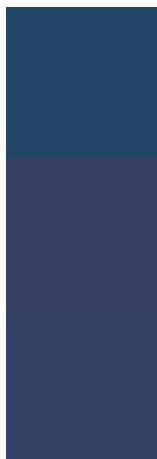


This preview shows how white text looks on a background with the Android color 4280370790.

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

4280370790

Protanopia

4281877091

Deuteranopia

4281484135

Trichromacy



Original Color

4280370790

Protanomaly

4281353060

Deuteranomaly

4281091175

Tritanomaly

4279781720

Monochromacy



Original Color

4280370790

Achromatopsia

4282335039

Achromatomaly

4281614925

CSS Examples

Text

The CSS property to change the color of the text to Android 4280370790 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, 70, 102)` looks like.

```
.text, #text, p{  
    color:rgb(33, 70, 102)  
}
```

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, 70, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 70, 102) }
```

Border

The CSS property to change the border of an element to Android 4280370790 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, 70, 102) }
```

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

```
.border{ border-color:rgb(33, 70, 102) }
```

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

Here you see how a box with a 4 pixel rgb(33, 70, 102) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 70, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 70, 102);  
box-shadow:4px 4px 4px 4px rgb(33, 70,  
102) }
```

Background

The CSS property to change the background color of an element to Android 4280370790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 70, 102) }
```

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

```
.background{ background-color: rgb(33, 70,  
102) }
```

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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