

Converting Colors

Android(4282400910)

Have a look what the booklet for
Android(4282400910) contains.

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Color

Android(4282400910)

Conversions

Conversions Part 1

Format	Color
Hex	40408E
RGB	64, 64, 142
RGB Percent	25%, 25%, 56%
CMY	0.7490, 0.7490, 0.4431
CMYK	0.55, 0.55, 0.00, 0.44
HSL	240°, 38%, 40%
HSV	240°, 55%, 56%
XYZ	8.8302, 6.7098, 26.4209
YIQ	72.8920, -25.0380, 24.2580

Conversions

Conversions Part 2

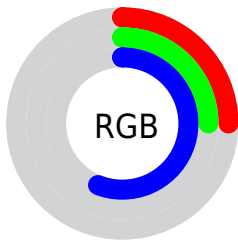
Format	Color
R _Y B	64, 64, 142
Decimal	4210830
CIE Lab	31.14, 23.28, -43.48
CIE LCh	31, 49.315, 298.167
Yxy	6.7098, 0.2104, 0.1599
Android (android.graphics.Color)	4282400910 (0xFF40408E)
YUV	72.8920, 34.0702, -7.7983
Hunter-Lab	25.9032, 15.5188, -42.3426

Details

The Android color **4282400910** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **4287532608**, and the grayscale version is **4282992969**.

A 20% lighter version of the original color is **4285952196**, and **4278195803** is the 20% darker color. If you saturate the color by 10%, you get **4281479822**, and if you desaturate by 10%, it is **4283321998**.

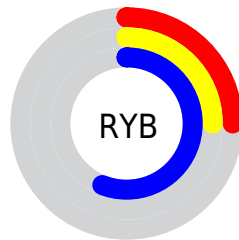
Distribution



Red (25%)

Green (25%)

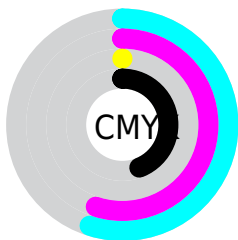
Blue (56%)



Red (25%)

Yellow (25%)

Blue (56%)

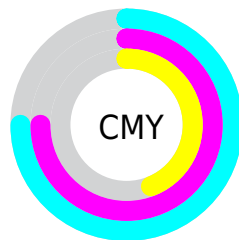


Cyan (55%)

Magenta (55%)

Yellow (0%)

Black (44%)



Cyan (75%)

Magenta (75%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282400910 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 4282400910 by changing the saturation by 10% instead.

 4282400910

 4282400910

4294967295

 4280494708

 4285952196

 4278195803

 4287728097

 4278190147

 4289569789

 4278190892

 4291477503

 4278190358


 4293319423

 4278190080

 4294965247

 4282400910

 4282400910

 4281479822

 4283321998

■ 4280558734

■ 4284243086

■ 4279571854

■ 4285229966

■ 4278650766

■ 4286151054

■ 4278190222

■ 4287072142

■ 4287993230

■ 4288914318

■ 4289901198

■ 4290822286

Harmonies

Analogous

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



4278210455



4282400910



4285803379

Triad

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



4282400910



4286068224



4278213190

Complementary

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



4282400910



4287532608

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.



4278212381



4282400910



4284237568

Square

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



4282400910



4287243047



4281749760



4278213229

Rectangle

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



4282400910



4286979674



4281749760



4278212920

Sweetspot

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



4282400910



4288322232



4282420878



4283058780



4292598747



4284243036

Same Dimension

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



4282400910



4282269368



4284956814



4282400839



4278190215



4278190088

Inverse Universe

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



4287512718



4290264760



4284976704



4282859591



4287037575



4278714376

Previews

White Background



This preview shows how the Android color 4282400910 looks on a white background.

Color Contrast Check

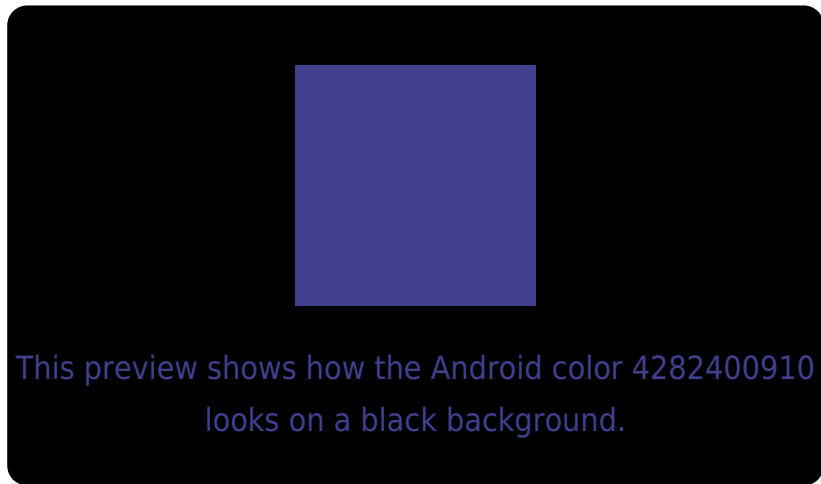
Large Text (above 18pt) WCAG AA ✓ Pass

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

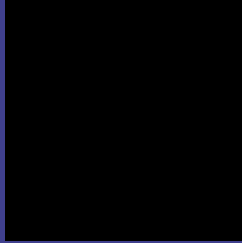
Any Text WCAG AA × Fail

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 4282400910 Background



This preview shows how black text looks on a background with the Android color 4282400910.



This preview shows how white text looks on a background with the Android color 4282400910.

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
4282400910

Protanopia
4278994837

Deuteranopia
4278209411

Trichromacy



Original Color
4282400910

Protanomaly
4280239250

Deuteranomaly
4279715719

Tritanomaly
4281551466

Monochromacy



Original Color
4282400910

Achromatopsia
4282992969

Achromatomaly
4282795618

CSS Examples

Text

The CSS property to change the color of the text to Android 4282400910 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(64, 64, 142)` looks like.

```
.text, #text, p{  
    color:rgb(64, 64, 142)  
}
```

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(64, 64, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 64, 142) }
```

Border

The CSS property to change the border of an element to Android 4282400910 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(64, 64, 142) }
```

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

```
.border{ border-color:rgb(64, 64, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 64, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 64, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 64, 142);  
box-shadow:4px 4px 4px 4px rgb(64, 64,  
142) }
```

Background

The CSS property to change the background color of an element to Android 4282400910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 64, 142) }
```

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

```
.background{ background-color: rgb(64, 64,  
142) }
```

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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