

Converting Colors

Android(4283646120)

Have a look what the booklet for
Android(4283646120) contains.

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Color

Android(4283646120)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5340A8 |
| RGB | 83, 64, 168 |
| RGB Percent | 33%, 25%, 66% |
| CMY | 0.6745, 0.7490, 0.3412 |
| CMYK | 0.51, 0.62, 0.00, 0.34 |
| HSL | 251°, 45%, 45% |
| HSV | 251°, 62%, 66% |
| XYZ | 12.4686, 8.3329, 37.9970 |
| YIQ | 81.5370, -22.0600, 36.3720 |

Conversions

Conversions Part 2

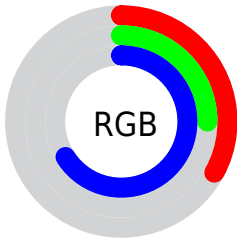
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 83, 64, 168 |
| Decimal | 5456040 |
| CIE _{Lab} | 34.67, 35.66, -53.45 |
| CIE _{LCh} | 35, 64.257, 303.712 |
| Yxy | 8.3329, 0.2121, 0.1417 |
| Android (android.graphics.Color) | 4283646120 (0xFF5340A8) |
| YUV | 81.5370, 42.6263, 1.2831 |
| Hunter-Lab | 28.8668, 26.5832, -57.8359 |

Details

The Android color `4283646120` is a dark color, and the websafe version is hex `333399`. A complement of this color would be `4287998016`, and the grayscale version is `4283519313`.

A 20% lighter version of the original color is `4287328736`, and `4279440243` is the 20% darker color. If you saturate the color by 10%, you get `4282724264`, and if you desaturate by 10%, it is `4284567976`.

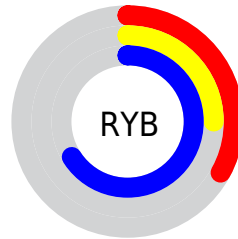
Distribution



Red (33%)

Green (25%)

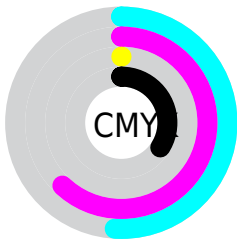
Blue (66%)



Red (33%)

Yellow (25%)

Blue (66%)

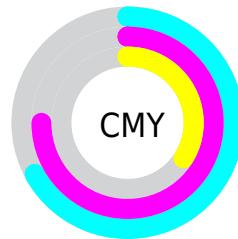


Cyan (51%)

Magenta (62%)

Yellow (0%)

Black (34%)



Cyan (67%)

Magenta (75%)

Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Android color 4283646120 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 4283646120 by changing the saturation by 10% instead.

 4283646120

 4283646120

4294967295

 4281739661

 4287328736

 4279440243

 4289170173

 4278190170

 4291077631

 4278190145

 4292985087

 4278190890

 4294958335

 4278190356

 4294965759

 4278190080

 4283646120

 4283646120

 4282724264

 4284567976

■ 4281867944

■ 4285424296

■ 4280946344

■ 4286345896

■ 4280221864

■ 4287267752

■ 4288189608

■ 4289045928

■ 4289967784

■ 4290889384

■ 4291811240

Harmonies

Analogous

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



4278212537



4283646120



4287699584

Triad

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



4283646120



4287052800



4278216279

Complementary

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



4283646120



4287998016

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.



4278215712



4283646120



4284436992

Square

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



4283646120



4288747548



4280770048



4278216330

Rectangle

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



4283646120



4288938079



4280770048



4278216261

Sweetspot

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



4283646120



4290360027



4282423208



4284044398



4293783021



4285427310

Same Dimension

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



4283646120



4283906523



4286922920



4283255892



4279959700



4278452244

Inverse Universe

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



4289216661



4292557246



4284721216



4283714643



4287889529



4279500817

Previews

White Background



This preview shows how the Android color 4283646120 looks on a white background.

Color Contrast Check

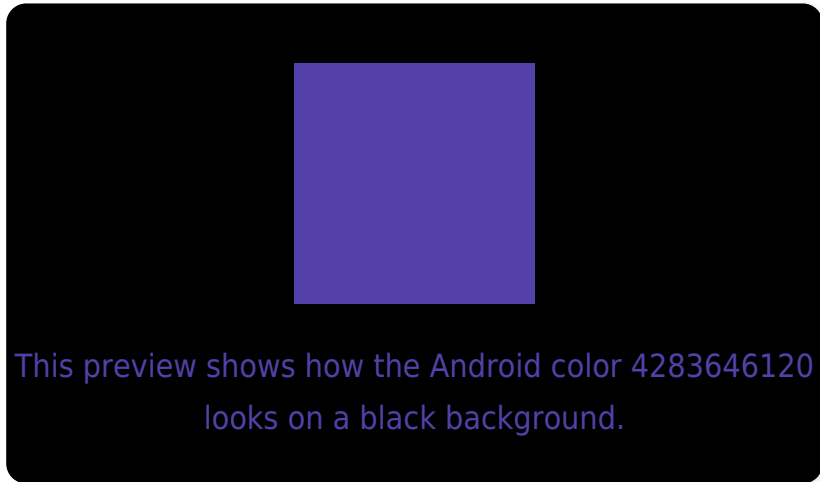
Large Text (above 18pt) WCAG AA ✓ Pass

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 4283646120 Background



This preview shows how black text looks on a background with the Android color 4283646120.



This preview shows how white text looks on a background with the Android color 4283646120.

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
4283646120

Protanopia
4278210471

Deuteranopia
4278211473

Trichromacy



Original Color
4283646120

Protanomaly
4280175271

Deuteranomaly
4280175769

Tritanomaly
4282666616

Monochromacy



Original Color
4283646120

Achromatopsia
4283585106

Achromatomaly
4283583345

CSS Examples

Text

The CSS property to change the color of the text to Android 4283646120 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(83, 64, 168)` looks like.

```
.text, #text, p{  
    color:rgb(83, 64, 168)  
}
```

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(83, 64, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(83, 64, 168) }
```

Border

The CSS property to change the border of an element to Android 4283646120 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(83, 64, 168) }
```

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

```
.border{ border-color:rgb(83, 64, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(83, 64, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(83, 64, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(83, 64, 168);  
box-shadow:4px 4px 4px 4px rgb(83, 64,  
168) }
```

Background

The CSS property to change the background color of an element to Android 4283646120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(83, 64, 168) }
```

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

```
.background{ background-color: rgb(83, 64,  
168) }
```

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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