

Converting Colors

Android(4280497564)

Have a look what the booklet for
Android(4280497564) contains.

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Color

Android(4280497564)

Conversions

Conversions Part 1

Format	Color
Hex	23359C
RGB	35, 53, 156
RGB Percent	14%, 21%, 61%
CMY	0.8627, 0.7922, 0.3882
CMYK	0.78, 0.66, 0.00, 0.39
HSL	231°, 63%, 37%
HSV	231°, 78%, 61%
XYZ	7.9670, 5.3038, 32.0563
YIQ	59.3600, -43.7910, 28.2170

Conversions

Conversions Part 2

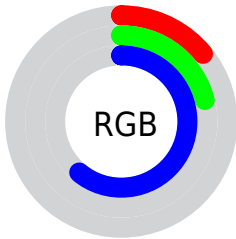
Format	Color
R _Y B	35, 51, 156
Decimal	2307484
CIE Lab	27.58, 30.96, -57.91
CIE LCh	28, 65.664, 298.133
Yxy	5.3038, 0.1758, 0.1170
Android (android.graphics.Color)	4280497564 (0xFF23359C)
YUV	59.3600, 47.6435, -21.3637
Hunter-Lab	23.0300, 21.4475, -66.4068

Details

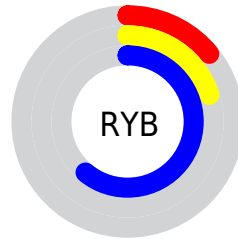
The Android color `4280497564` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4288449059`, and the grayscale version is `4282071867`.

A 20% lighter version of the original color is `4284769492`, and `4278193512` is the 20% darker color. If you saturate the color by 10%, you get `4279445660`, and if you desaturate by 10%, it is `4281549468`.

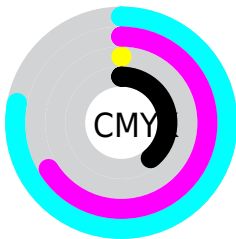
Distribution



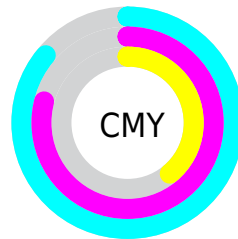
- Red (14%)
- Green (21%)
- Blue (61%)



- Red (14%)
- Yellow (20%)
- Blue (61%)



- Cyan (78%)
- Magenta (66%)
- Yellow (0%)
- Black (39%)



- Cyan (86%)
- Magenta (79%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280497564 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 4280497564 by changing the saturation by 10% instead.

■ 4280497564

■ 4280497564

4294967295

■ 4278198401

■ 4284769492

■ 4278193512

■ 4286676464

■ 4278190159

■ 4288583423

■ 4278191415

■ 4290490879

■ 4278190624

■ 4292398591

■ 4278190085

■ 4294371839

■ 4278190080

■ 4280497564

■ 4280497564

■ 4279445660

■ 4281549468

■ 4278459036

■ 4282536092

■ 4278196124

■ 4283587996

■ 4284574364

■ 4285626268

■ 4286678428

■ 4287664796

■ 4288716700

■ 4289703324

Harmonies

Analogous

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



4278209192



4280497564



4285989239

Triad

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



4280497564



4286129408



4278211645

Complementary

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



4280497564



4288449059

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.



4278210816



4280497564



4283645696

Square

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



4280497564



4287627286



4280240896



4278211952

Rectangle

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



4280497564



4287430743



4280240896



4278211371

Sweetspot

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



4280497564



4288521420



4280523914



4282994278



4293322470



4284900966

Same Dimension

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



4280497564



4279118796



4283245468



4282861647



4278195599



4278190607

Inverse Universe

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



4288422709



4291563051



4285701155



4283385672



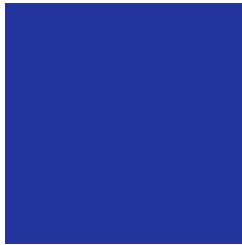
4287561749



4279173122

Previews

White Background



This preview shows how the Android color 4280497564 looks on a white background.

Color Contrast Check

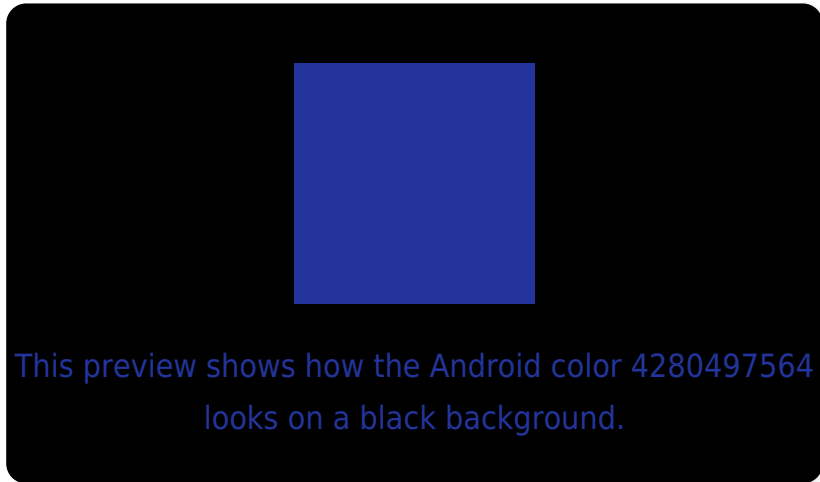
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280497564 Background



This preview shows how black text looks on a background with the Android color 4280497564.



This preview shows how white text looks on a background with the Android color 4280497564.

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
4280497564

Protanopia
4278206341

Deuteranopia
4278207345

Trichromacy



Original Color

4280497564

Protanomaly

4279057293

Deuteranomaly

4279058049

Tritanomaly

4279058794

Monochromacy



Original Color

4280497564

Achromatopsia

4282071867

Achromatomaly

4281481566

CSS Examples

Text

The CSS property to change the color of the text to Android 4280497564 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(35, 53, 156)` looks like.

```
.text, #text, p{  
    color:rgb(35, 53, 156)  
}
```

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(35, 53, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 53, 156) }
```

Border

The CSS property to change the border of an element to Android 4280497564 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(35, 53, 156) }
```

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

```
.border{ border-color:rgb(35, 53, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 53, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 53, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 53, 156);  
box-shadow:4px 4px 4px 4px rgb(35, 53,  
156) }
```

Background

The CSS property to change the background color of an element to Android 4280497564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 53, 156) }
```

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

```
.background{ background-color: rgb(35, 53,  
156) }
```

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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