

Converting Colors

Android(4280312457)

Have a look what the booklet for
Android(4280312457) contains.

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Color

Android(4280312457)

Conversions

Conversions Part 1

Format	Color
Hex	206289
RGB	32, 98, 137
RGB Percent	13%, 38%, 54%
CMY	0.8745, 0.6157, 0.4627
CMYK	0.77, 0.28, 0.00, 0.46
HSL	202°, 62%, 33%
HSV	202°, 77%, 54%
XYZ	9.4787, 10.8486, 25.2613
YIQ	82.7120, -51.8550, -1.8630

Conversions

Conversions Part 2

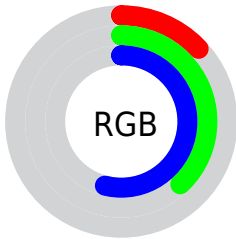
Format	Color
RYB	32, 73, 137
Decimal	2122377
CIELab	39.32, -6.60, -27.51
CIELCh	39, 28.287, 256.509
Yxy	10.8486, 0.2079, 0.2380
Android (android.graphics.Color)	4280312457 (0xFF206289)
YUV	82.7120, 26.7640, -44.4744
Hunter-Lab	32.9372, -6.2711, -22.4167

Details

The Android color `4280312457` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287186720`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4284257727`, and `4278203479` is the 20% darker color. If you saturate the color by 10%, you get `4279393673`, and if you desaturate by 10%, it is `4281231241`.

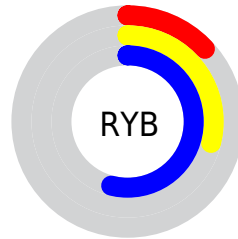
Distribution



Red (13%)

Green (38%)

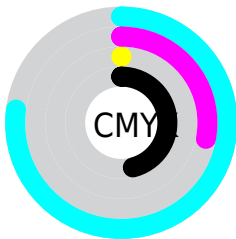
Blue (54%)



Red (13%)

Yellow (29%)

Blue (54%)

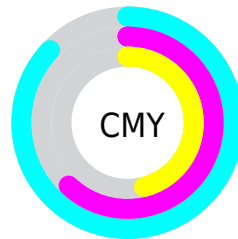


Cyan (77%)

Magenta (28%)

Yellow (0%)

Black (46%)



Cyan (87%)

Magenta (62%)

Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280312457 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 4280312457 by changing the saturation by 10% instead.



4280312457



4280312457

4294967295



4278209135



4284257727



4278203479



4286099419



4278198079



4287941623



4278190889



4289783807



4278190355



4291690495



4278190080



4293591039



4280312457



4280312457



4279393673



4281231241

■ 4278540425

■ 4282084489

■ 4278212233

■ 4283003273

■ 4283922057

■ 4284775305

■ 4285694345

■ 4286613129

■ 4287531913

■ 4288385161

Harmonies

Analogous

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



4278216573



4280312457



4283390857

Triad

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



4280312457



4287187537



4282672444

Complementary

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



4280312457



4287186720

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.



4284374831



4280312457



4286795836

Square

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



4280312457



4286729064



4285814832



4280510545

Rectangle

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



4280312457



4284831106



4285814832



4283327287

Sweetspot

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



4280312457



4287210419



4280322374



4282404953



4292467161



4284045657

Same Dimension

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



4280312457



4279137971



4280299145



4282270277



4278211461



4278190853

Inverse Universe

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



4287176802



4289924726



4287200032



4282728002



4286906451



4278517763

Previews

White Background



This preview shows how the Android color 4280312457 looks on a white background.

Color Contrast Check

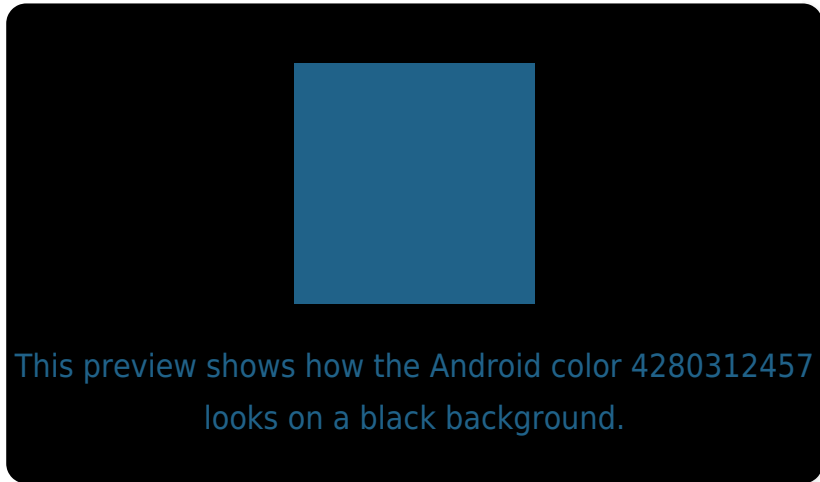
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

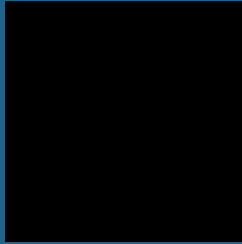
Any Text WCAG AA × Fail

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 4280312457 Background



This preview shows how black text looks on a background with the Android color 4280312457.



This preview shows how white text looks on a background with the Android color 4280312457.

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

4280312457

Protanopia

4283456387

Deuteranopia

4282866826

Trichromacy



Original Color
4280312457

Protanomaly
4282343045

Deuteranomaly
4281949834

Tritanomaly
4279002488

Monochromacy



Original Color
4280312457

Achromatopsia
4283650899

Achromatomaly
4282407015

CSS Examples

Text

The CSS property to change the color of the text to Android 4280312457 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(32, 98, 137)` looks like.

```
.text, #text, p{  
    color:rgb(32, 98, 137)  
}
```

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(32, 98, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(32, 98, 137) }
```

Border

The CSS property to change the border of an element to Android 4280312457 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(32, 98, 137) }
```

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

```
.border{ border-color:rgb(32, 98, 137) }
```

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

Here you see how a box with a 4 pixel rgb(32, 98, 137) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(32, 98, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(32, 98, 137);  
box-shadow:4px 4px 4px 4px rgb(32, 98,  
137) }
```

Background

The CSS property to change the background color of an element to Android 4280312457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(32, 98, 137) }
```

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

```
.background{ background-color: rgb(32, 98,  
137) }
```

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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