

Converting Colors

Android(4284512416)

Have a look what the booklet for
Android(4284512416) contains.

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Color

Android(4284512416)

Conversions

Conversions Part 1

Format	Color
Hex	6078A0
RGB	96, 120, 160
RGB Percent	38%, 47%, 63%
CMY	0.6235, 0.5294, 0.3725
CMYK	0.40, 0.25, 0.00, 0.37
HSL	218°, 25%, 50%
HSV	218°, 40%, 63%
XYZ	17.8855, 18.4578, 35.8778
YIQ	117.3840, -27.1440, 7.3520

Conversions

Conversions Part 2

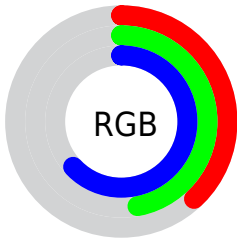
Format	Color
R _Y B	96, 113, 160
Decimal	6322336
CIE Lab	50.05, 1.84, -24.27
CIE LCh	50, 24.335, 274.331
Yxy	18.4578, 0.2476, 0.2556
Android (android.graphics.Color)	4284512416 (0xFF6078A0)
YUV	117.3840, 21.0097, -18.7538
Hunter-Lab	42.9625, -0.8741, -19.4389

Details

The Android color `4284512416` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288710752`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4287999191`, and `4281157740` is the 20% darker color. If you saturate the color by 10%, you get `4283461280`, and if you desaturate by 10%, it is `4285563552`.

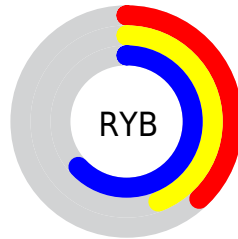
Distribution



Red (38%)

Green (47%)

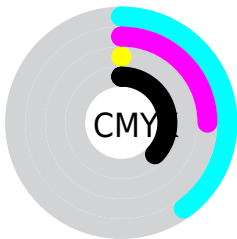
Blue (63%)



Red (38%)

Yellow (44%)

Blue (63%)

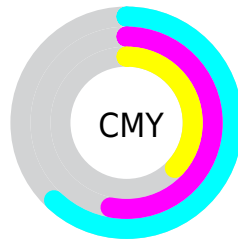


Cyan (40%)

Magenta (25%)

Yellow (0%)

Black (37%)



Cyan (62%)

Magenta (53%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284512416 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 4284512416 by changing the saturation by 10% instead.

 4284512416

 4284512416

4294967295

 4282802054

 4287999191

 4281157740

 4289775603

 4279317076

 4291617791

 4278197565

 4293525503

 4278190375

 4278190352

 4278190080

 4284512416

 4284512416

 4283461280

 4285563552

■ 4282410144

■ 4286614688

■ 4281359008

■ 4287665824

■ 4280307872

■ 4288716960

■ 4279256736

■ 4289768096

■ 4278205600

■ 4290819232

■ 4291870368

■ 4292921504

■ 4293972640

Harmonies

Analogous

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



4282547868



4284512416



4286476697

Triad

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



4284512416



4288637537



4283728228

Complementary

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



4284512416



4288710752

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.



4285300052



4284512416



4287918162

Square

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



4284512416



4288636789



4286740302



4282221177

Rectangle

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



4284512416



4287523983



4286740302



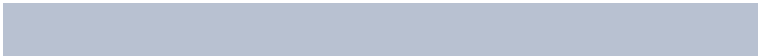
4284252254

Sweetspot

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



4284512416



4290298321



4284522631



4284112745



4293454056



4285098345

Same Dimension

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



4284512416



4285371089



4284965024



4282862159



4278204047



4278191631

Inverse Universe

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



4288700536



4291915154



4288258144



4283385674



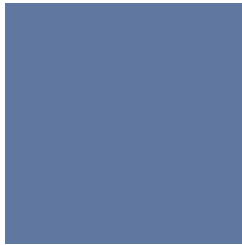
4287561782



4279173126

Previews

White Background



This preview shows how the Android color 4284512416 looks on a white background.

Color Contrast Check

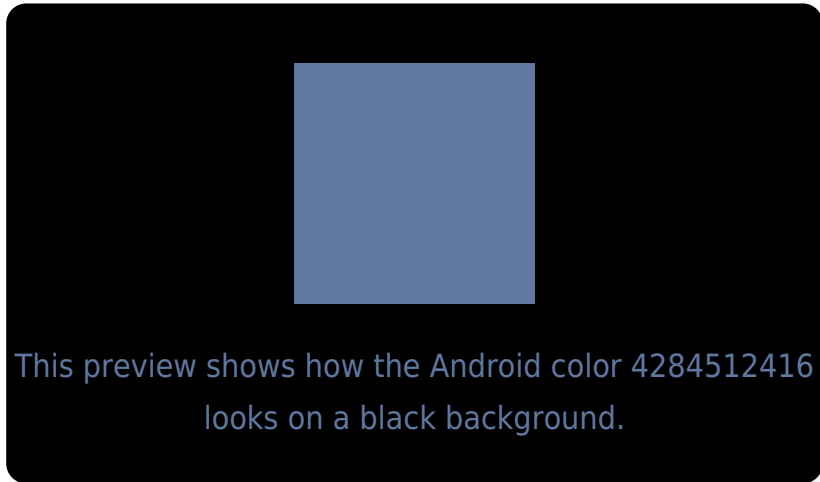
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

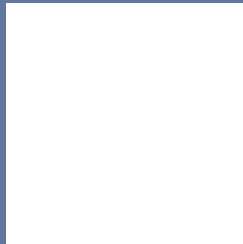
Any Text WCAG AAA × Fail

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

Android 4284512416 Background



This preview shows how black text looks on a background with the Android color 4284512416.



This preview shows how white text looks on a background with the Android color 4284512416.

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
4284512416

Protanopia
4285232542

Deuteranopia
4285232545

Trichromacy



Original Color

4284512416

Protanomaly

4284970655

Deuteranomaly

4284970657

Tritanomaly

4284251024

Monochromacy



Original Color

4284512416

Achromatopsia

4285887861

Achromatomaly

4285363845

CSS Examples

Text

The CSS property to change the color of the text to Android 4284512416 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(96, 120, 160)` looks like.

```
.text, #text, p{  
    color:rgb(96, 120, 160)  
}
```

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(96, 120, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 120, 160) }
```

Border

The CSS property to change the border of an element to Android 4284512416 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(96, 120, 160) }
```

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

```
.border{ border-color:rgb(96, 120, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(96, 120, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(96, 120, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(96, 120, 160);  
box-shadow:4px 4px 4px 4px rgb(96, 120,  
160) }
```

Background

The CSS property to change the background color of an element to Android 4284512416 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 120, 160) }
```

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

```
.background{ background-color: rgb(96, 120,  
160) }
```

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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