

Converting Colors

Android(4284709012)

Have a look what the booklet for
Android(4284709012) contains.

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Color

Android(4284709012)

Conversions

Conversions Part 1

Format	Color
Hex	637894
RGB	99, 120, 148
RGB Percent	39%, 47%, 58%
CMY	0.6118, 0.5294, 0.4196
CMYK	0.33, 0.19, 0.00, 0.42
HSL	214°, 20%, 48%
HSV	214°, 33%, 58%
XYZ	17.2074, 18.2237, 30.6276
YIQ	116.9130, -21.5040, 4.2560

Conversions

Conversions Part 2

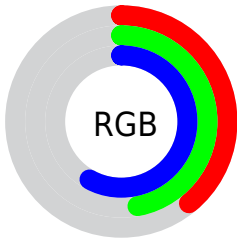
Format	Color
R_{YB}	99, 114, 148
Decimal	6518932
CIE _{Lab}	49.77, -0.62, -17.65
CIE _{LCh}	50, 17.664, 267.983
Yxy	18.2237, 0.2605, 0.2759
Android (android.graphics.Color)	4284709012 (0xFF637894)
YUV	116.9130, 15.3259, -15.7097
Hunter-Lab	42.6892, -2.7556, -12.6554

Details

The Android color `4284709012` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287922019`, and the grayscale version is `4285887861`.

A 20% lighter version of the original color is `4288130250`, and `4281485409` is the 20% darker color. If you saturate the color by 10%, you get `4283723924`, and if you desaturate by 10%, it is `4285694100`.

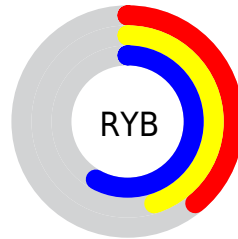
Distribution



Red (39%)

Green (47%)

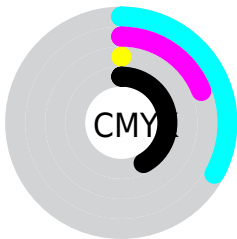
Blue (58%)



Red (39%)

Yellow (45%)

Blue (58%)

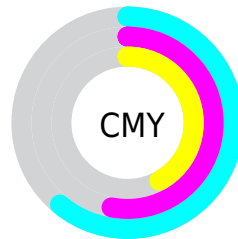


Cyan (33%)

Magenta (19%)

Yellow (0%)

Black (42%)



Cyan (61%)

Magenta (53%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284709012 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 4284709012 by changing the saturation by 10% instead.



4284709012



4284709012

4294967295



4283064186



4288130250



4281485409



4289906662



4279906633



4291748863



4278197555



4293591039



4278190622



4278190080



4284709012



4284709012



4283723924



4285694100



4282738580



4286679444

■ 4281819028

■ 4287598996

■ 4280833684

■ 4288584340

■ 4279848596

■ 4289569428

■ 4278863252

■ 4290554772

■ 4278206356

■ 4291539860

■ 4292459668

■ 4293444756

Harmonies

Analogous

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



4283595919



4284709012



4286083985

Triad

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



4284709012



4287982697



4284579174

Complementary

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



4284709012



4287922019

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.



4285758044



4284709012



4287590493

Square

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



4284709012



4287851640



4286805337



4283596661

Rectangle

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



4284709012



4286869643



4286805337



4284972130

Sweetspot

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



4284709012



4289508543



4284716159



4283783777



4292927712



4284572001

Same Dimension

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



4284709012



4285764799



4284900244



4282598986



4278205322



4278191114

Inverse Universe

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



4287914872



4290737044



4287730787



4283056966



4287234107



4278845444

Previews

White Background



This preview shows how the Android color 4284709012 looks on a white background.

Color Contrast Check

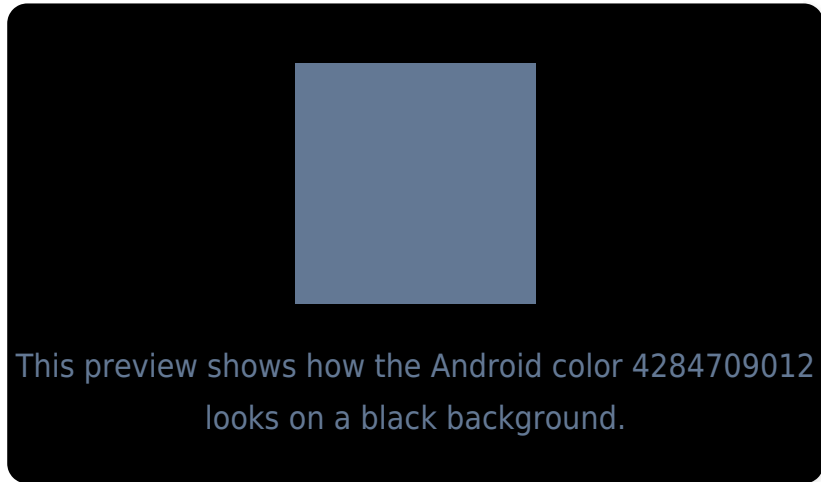
Large Text (above 18pt) WCAG AA ✓ Pass

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

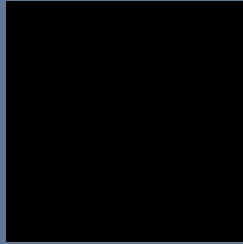
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

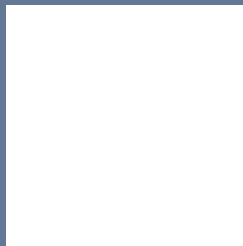
Any Text WCAG AAA × Fail

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

Android 4284709012 Background



This preview shows how black text looks on a background with the Android color 4284709012.



This preview shows how white text looks on a background with the Android color 4284709012.

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
4284709012

Protanopia
4285494674

Deuteranopia
4285691029



Tritanopia
4284447621

Trichromacy



Original Color
4284709012

Protanomaly
4285232787

Deuteranomaly
4285363605

Tritanomaly
4284512906

Monochromacy



Original Color
4284709012

Achromatopsia
4285887861

Achromatomaly
4285429376

CSS Examples

Text

The CSS property to change the color of the text to Android 4284709012 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(99, 120, 148)` looks like.

```
.text, #text, p{  
    color:rgb(99, 120, 148)  
}
```

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(99, 120, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 120, 148) }
```

Border

The CSS property to change the border of an element to Android 4284709012 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(99, 120, 148) }
```

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

```
.border{ border-color:rgb(99, 120, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 120, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 120, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 120, 148);  
box-shadow:4px 4px 4px 4px rgb(99, 120,  
148) }
```

Background

The CSS property to change the background color of an element to Android 4284709012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 120, 148) }
```

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

```
.background{ background-color: rgb(99, 120,  
148) }
```

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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