

Converting Colors

Android(4284476428)

Have a look what the booklet for
Android(4284476428) contains.

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Color

Android(4284476428)

Conversions

Conversions Part 1

Format	Color
Hex	5FEC0C
RGB	95, 236, 12
RGB Percent	37%, 93%, 5%
CMY	0.6275, 0.0745, 0.9529
CMYK	0.60, 0.00, 0.95, 0.07
HSL	98°, 90%, 49%
HSV	98°, 95%, 93%
XYZ	34.7811, 62.4503, 10.5688
YIQ	168.3050, -12.1320, -99.5560

Conversions

Conversions Part 2

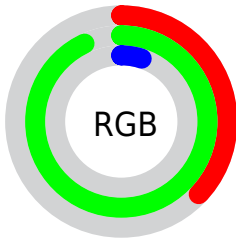
Format	Color
R _Y B	12, 236, 153
Decimal	6286348
CIE Lab	83.15, -69.75, 79.04
CIE LCh	83, 105.412, 131.427
Yxy	62.4503, 0.3226, 0.5793
Android (android.graphics.Color)	4284476428 (0xFF5FEC0C)
YUV	168.3050, -77.0584, -64.2885
Hunter-Lab	79.0255, -59.7323, 47.3885

Details

The Android color `4284476428` is a dark color, and the websafe version is hex `66FF33`. The color can be described as dark washed green. A complement of this color would be `4288220396`, and the grayscale version is `4289309097`.

A 20% lighter version of the original color is `4288741212`, and `4278235904` is the 20% darker color. If you saturate the color by 10%, you get `4283952128`, and if you desaturate by 10%, it is `4285459492`.

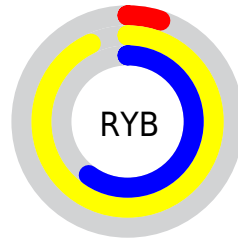
Distribution



Red (37%)

Green (93%)

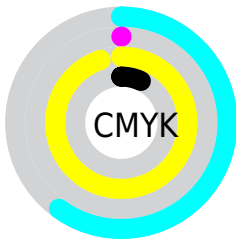
Blue (5%)



Red (5%)

Yellow (93%)

Blue (60%)

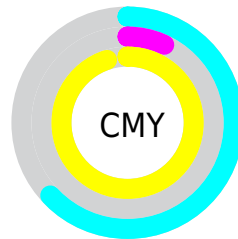


Cyan (60%)

Magenta (0%)

Yellow (95%)

Black (7%)



Cyan (63%)

Magenta (7%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284476428 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 4284476428 by changing the saturation by 10% instead.



4284476428



4284476428

4294967295



4281978624



4288741212



4278235904



4290772858



4278228736



4292804503



4278221824



4294901684



4278215168



4294967250



4278208512



4294967280



4278202368



4278194944



4278190080

■ 4284476428

■ 4284476428

■ 4283952128

■ 4285459492

■ 4286442555

■ 4287425619

■ 4288343146

■ 4289326210

■ 4290309274

■ 4291292337

■ 4292275401

■ 4293258464

Harmonies

Analogous

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



4292269824



4284476428



4278253452

Triad

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



4284476428



4278250495



4294923438

Complementary

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



4284476428



4288220396

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.



4294928639



4284476428



4278243327

Square

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



4284476428



4278253823



4294943231



4294934862

Rectangle

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



4284476428



4278254289



4294943231



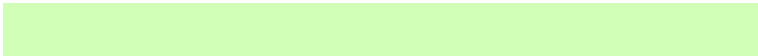
4294922959

Sweetspot

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



4284476428



4292018104



4293694988



4284776532



4278190080



4286611584

Same Dimension

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



4284476428



4284415744



4279036966



4285429098



4282627328



4279514624

Inverse Universe

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



4288220396



4288741631



4293659858



4285622901



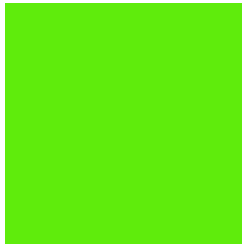
4285661365



4280418358

Previews

White Background



This preview shows how the Android color 4284476428 looks on a white background.

Color Contrast Check

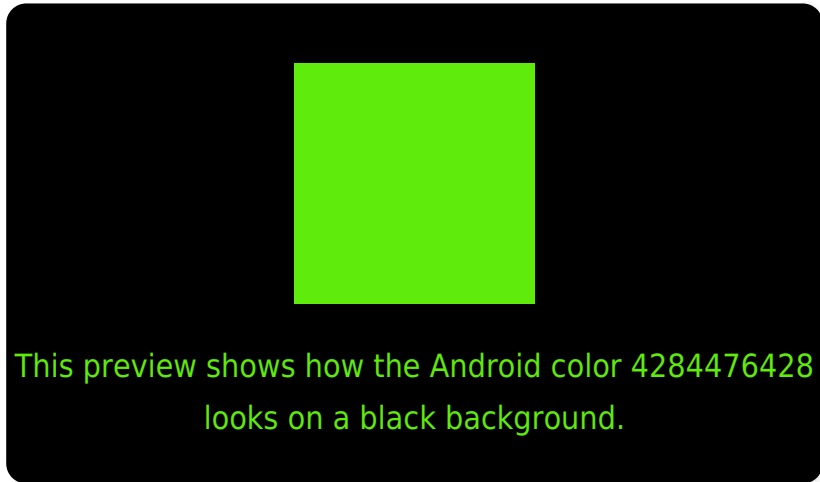
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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 ✓ Pass

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

Android 4284476428 Background



This preview shows how black text looks on a background with the Android color 4284476428.



This preview shows how white text looks on a background with the Android color 4284476428.

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
4284476428

Protanopia
4293447168

Deuteranopia
4294952012



Tritanopia
4286962669

Trichromacy



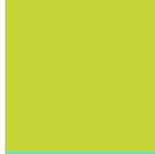
Original Color

4284476428



Protanomaly

4290173188



Deuteranomaly

4291154741



Tritanomaly

4286046619

Monochromacy



Original Color

4284476428



Achromatopsia

4289243304



Achromatomaly

4287480175

CSS Examples

Text

The CSS property to change the color of the text to Android 4284476428 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(95, 236, 12)` looks like.

```
.text, #text, p{  
    color:rgb(95, 236, 12)  
}
```

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(95, 236, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(95, 236, 12) }
```

Border

The CSS property to change the border of an element to Android 4284476428 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(95, 236, 12) }
```

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

```
.border{ border-color:rgb(95, 236, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(95, 236, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(95, 236, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(95, 236, 12);  
box-shadow:4px 4px 4px 4px rgb(95, 236,  
12) }
```

Background

The CSS property to change the background color of an element to Android 4284476428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(95, 236, 12) }
```

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

```
.background{ background-color: rgb(95, 236,  
12) }
```

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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