

Converting Colors

Android(4283324566)

Have a look what the booklet for
Android(4283324566) contains.

Android(4283324566)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4283324566)

Conversions

Conversions Part 1	
Format	Color
Hex	4E5896
RGB	78, 88, 150
RGB Percent	31%, 35%, 59%
CMY	0.6941, 0.6549, 0.4118
CMYK	0.48, 0.41, 0.00, 0.41
HSL	232°, 32%, 45%
HSV	232°, 48%, 59%
XYZ	12.1366, 10.8012, 30.2993
YIQ	92.0780, -25.8620, 17.1620

Conversions

Conversions Part 2

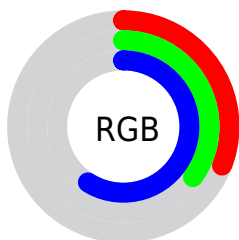
Format	Color
RYB	78, 87, 150
Decimal	5134486
CIELab	39.24, 13.66, -35.33
CIELCh	39, 37.876, 291.144
Yxy	10.8012, 0.2280, 0.2029
Android (android.graphics.Color)	4283324566 (0xFF4E5896)
YUV	92.0780, 28.5555, -12.3464
Hunter-Lab	32.8651, 8.4036, -31.6556

Details

The Android color `4283324566` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288056398`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4286810829`, and `4279708515` is the 20% darker color. If you saturate the color by 10%, you get `4282338198`, and if you desaturate by 10%, it is `4284310934`.

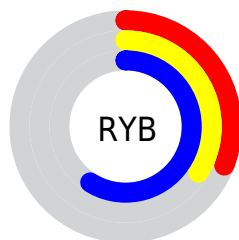
Distribution



Red (31%)

Green (35%)

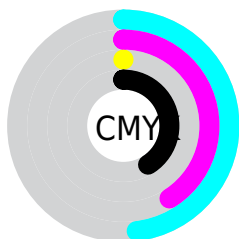
Blue (59%)



Red (31%)

Yellow (34%)

Blue (59%)

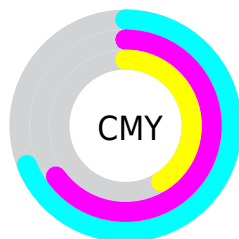


Cyan (48%)

Magenta (41%)

Yellow (0%)

Black (41%)



Cyan (69%)

Magenta (65%)

Yellow (41%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283324566 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 4283324566 by changing the saturation by 10% instead.

 4283324566

 4283324566

4294967295

 4281614716

 4286810829

 4279708515

 4288586985

 4278196042

 4290428927

 4278190132

 4292271103

 4278190621

 4294178815

 4278190080

 4283324566

 4283324566

 4282338198

 4284310934

 4281351830

 4285297302

 4280365462

 4286283670

 4279379094

 4287270038

 4278392726

 4288256406

 4278195606

 4289242774

 4290228886

 4291215254

 4292201622

Harmonies

Analogous

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



4278215577



4283324566



4286139267

Triad

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



4283324566



4287319085



4278217554

Complementary

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



4283324566



4288056398

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.



4281559092



4283324566



4285880348

Square

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



4283324566



4287971912



4283982111



4278217586

Rectangle

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



4283324566



4287317105



4283982111



4278217287

Sweetspot

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



4283324566



4289178306



4283340427



4283454305



4292927712



4284572001

Same Dimension

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



4283324566



4283523522



4284960406



4282598474



4278195082



4278190346

Inverse Universe

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



4288040536



4290924897



4286420558



4283056964



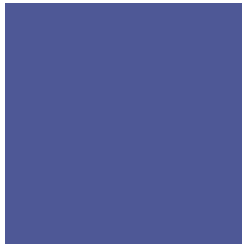
4287234067



4278845441

Previews

White Background



This preview shows how the Android color 4283324566 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



This preview shows how the Android color 4283324566 looks on a 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 4283324566 Background



This preview shows how black text looks on a background with the Android color 4283324566.



This preview shows how white text looks on a background with the Android color 4283324566.

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

4283324566

Protanopia

4282604184

Deuteranopia

4282080661

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4283324566 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(78, 88, 150)` looks like.

```
.text, #text, p{  
    color:rgb(78, 88, 150)  
}
```

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(78, 88, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 88, 150) }
```

Border

The CSS property to change the border of an element to Android 4283324566 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(78, 88, 150) }
```

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

```
.border{ border-color:rgb(78, 88, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 88, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 88, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 88, 150);  
box-shadow:4px 4px 4px 4px rgb(78, 88,  
150) }
```

Background

The CSS property to change the background color of an element to Android 4283324566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 88, 150) }
```

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

```
.background{ background-color: rgb(78, 88,  
150) }
```

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](#).

Hey! You found this booklet
interesting? Support Converting
Colors with the new Membership
Option!

The pro membership hides all ads, plus gives you
double the colors in the color bucket, and more
awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor