

Converting Colors

Android(4281363087)

Have a look what the booklet for
Android(4281363087) contains.

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Color

Android(4281363087)

Conversions

Conversions Part 1

Format	Color
Hex	306A8F
RGB	48, 106, 143
RGB Percent	19%, 42%, 56%
CMY	0.8118, 0.5843, 0.4392
CMYK	0.66, 0.26, 0.00, 0.44
HSL	203°, 50%, 37%
HSV	203°, 66%, 56%
XYZ	11.3309, 12.9196, 27.8831
YIQ	92.8760, -46.4450, -0.7890

Conversions

Conversions Part 2

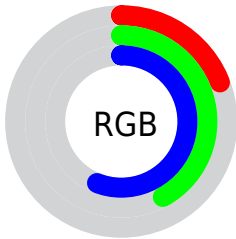
Format	Color
RYB	48, 84, 143
Decimal	3173007
CIELab	42.64, -6.69, -25.90
CIELCh	43, 26.748, 255.526
Yxy	12.9196, 0.2173, 0.2478
Android (android.graphics.Color)	4281363087 (0xFF306A8F)
YUV	92.8760, 24.7111, -39.3563
Hunter-Lab	35.9439, -6.6317, -20.8330

Details

The Android color `4281363087` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4287583536`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285046213`, and `4278205276` is the 20% darker color. If you saturate the color by 10%, you get `4280444047`, and if you desaturate by 10%, it is `4282282127`.

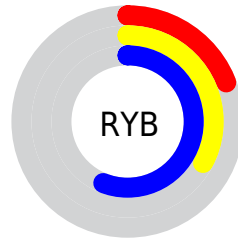
Distribution



Red (19%)

Green (42%)

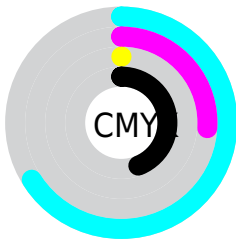
Blue (56%)



Red (19%)

Yellow (33%)

Blue (56%)

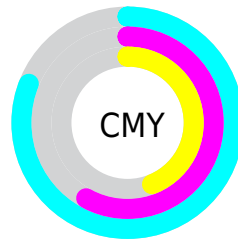


Cyan (66%)

Magenta (26%)

Yellow (0%)

Black (44%)



Cyan (81%)

Magenta (58%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281363087 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 4281363087 by changing the saturation by 10% instead.

■ 4281363087

■ 4281363087

4294967295

■ 4278866549

■ 4285046213

■ 4278205276

■ 4286888161

■ 4278199621

■ 4288730366

■ 4278194478

■ 4290572543

■ 4278190361

■ 4292476927

■ 4278190080

■ 4294377471

■ 4281363087

■ 4281363087

■ 4280444047

■ 4282282127

■ 4279459727

■ 4283266447

■ 4278540687

■ 4284185487

■ 4278212495

■ 4285104271

■ 4286088847

■ 4287007631

■ 4287926671

■ 4288845711

■ 4289830031

Harmonies

Analogous

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



4278218628



4281363087



4283917199

Triad

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



4281363087



4287648858



4283395397

Complementary

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



4281363087



4287583536

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.



4285032249



4281363087



4287322182

Square

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



4281363087



4287190384



4286341178



4281495641

Rectangle

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



4281363087



4285357449



4286341178



4283984704

Sweetspot

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



4281363087



4287999162



4281372500



4282930782



4292796126



4284374622

Same Dimension

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



4281363087



4280647866



4281351055



4282402119



4278211463



4278191368

Inverse Universe

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



4287574122



4290389376



4287595568



4282859589



4287037523



4278714373

Previews

White Background



This preview shows how the Android color 4281363087 looks on a white background.

Color Contrast Check

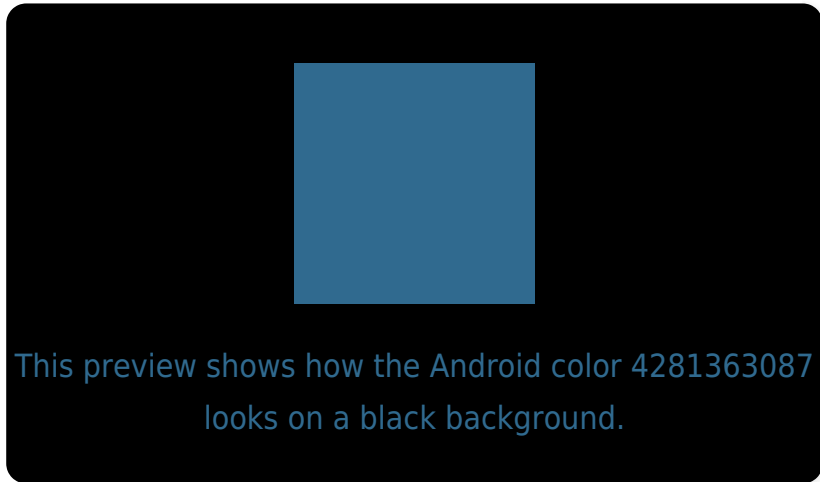
Large Text (above 18pt) WCAG AA ✓ Pass

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

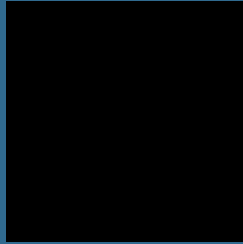
Any Text WCAG AA × Fail

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 4281363087 Background



This preview shows how black text looks on a background with the Android color 4281363087.

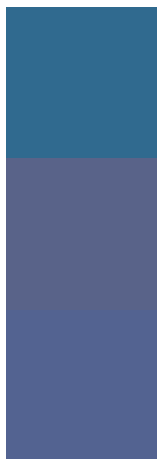


This preview shows how white text looks on a background with the Android color 4281363087.

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
4281363087

Protanopia
4284048265

Deuteranopia
4283655057

Trichromacy



Original Color
4281363087

Protanomaly
4283065995

Deuteranomaly
4282803856

Tritanomaly
4280774016

Monochromacy



Original Color
4281363087

Achromatopsia
4284308829

Achromatomaly
4283261551

CSS Examples

Text

The CSS property to change the color of the text to Android 4281363087 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(48, 106, 143)` looks like.

```
.text, #text, p{  
    color:rgb(48, 106, 143)  
}
```

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(48, 106, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(48, 106, 143) }
```

Border

The CSS property to change the border of an element to Android 4281363087 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(48, 106, 143) }
```

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

```
.border{ border-color:rgb(48, 106, 143) }
```

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

Here you see how a box with a 4 pixel rgb(48, 106, 143) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(48, 106, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(48, 106, 143);  
box-shadow:4px 4px 4px 4px rgb(48, 106,  
143) }
```

Background

The CSS property to change the background color of an element to Android 4281363087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(48, 106, 143) }
```

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

```
.background{ background-color: rgb(48, 106,  
143) }
```

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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