

Converting Colors

Android(4281163917)

Have a look what the booklet for
Android(4281163917) contains.

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Color

Android(4281163917)

Conversions

Conversions Part 1

Format	Color
Hex	2D608D
RGB	45, 96, 141
RGB Percent	18%, 38%, 55%
CMY	0.8235, 0.6235, 0.4471
CMYK	0.68, 0.32, 0.00, 0.45
HSL	208°, 52%, 36%
HSV	208°, 68%, 55%
XYZ	10.0728, 10.8467, 26.7620
YIQ	85.8810, -44.8410, 3.1830

Conversions

Conversions Part 2

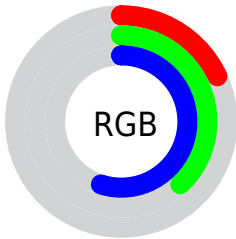
Format	Color
R_{YB}	45, 78, 141
Decimal	2973837
CIE _{Lab}	39.32, -1.84, -29.90
CIE _{LCh}	39, 29.956, 266.480
Yxy	10.8467, 0.2113, 0.2275
Android (android.graphics.Color)	4281163917 (0xFF2D608D)
YUV	85.8810, 27.1737, -35.8526
Hunter-Lab	32.9344, -3.0420, -25.1242

Details

The Android color **4281163917** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **4287453741**, and the grayscale version is **4283848278**.

A 20% lighter version of the original color is **4284846787**, and **4278202970** is the 20% darker color. If you saturate the color by 10%, you get **4280244621**, and if you desaturate by 10%, it is **4282083213**.

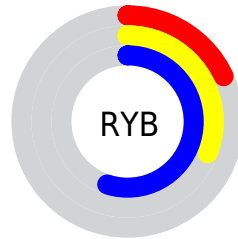
Distribution



Red (18%)

Green (38%)

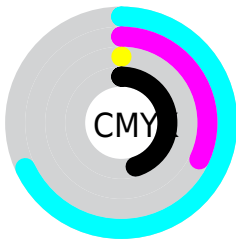
Blue (55%)



Red (18%)

Yellow (31%)

Blue (55%)

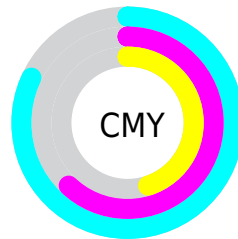


Cyan (68%)

Magenta (32%)

Yellow (0%)

Black (45%)



Cyan (82%)

Magenta (62%)

Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281163917 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 4281163917 by changing the saturation by 10% instead.



4281163917



4281163917

4294967295



4278470771



4284846787



4278202970



4286688735



4278197827



4288530684



4278190892



4290372863



4278190359



4292280319



4278190080



4294180863



4281163917



4281163917



4280244621



4282083213

■ 4279325581

■ 4283002253

■ 4278406285

■ 4283921549

■ 4278209421

■ 4284840589

■ 4285825421

■ 4286744717

■ 4287663757

■ 4288583053

■ 4289502093

Harmonies

Analogous

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



4278216325



4281163917



4284110728

Triad

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



4281163917



4287253064



4281886529

Complementary

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



4281163917



4287453741

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.



4283851312



4281163917



4286665013

Square

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



4281163917



4287121761



4285422123



4278479193

Rectangle

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



4281163917



4285550974



4285422123



4282606906

Sweetspot

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



4281163917



4287866552



4281175386



4282798428



4292598747



4284243036

Same Dimension

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



4281163917



4280381880



4281151629



4282401863



4278208647



4278191112

Inverse Universe

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



4287442272



4290257265



4287466029



4282859588



4287037512



4278714372

Previews

White Background



This preview shows how the Android color 4281163917 looks on a white background.

Color Contrast Check

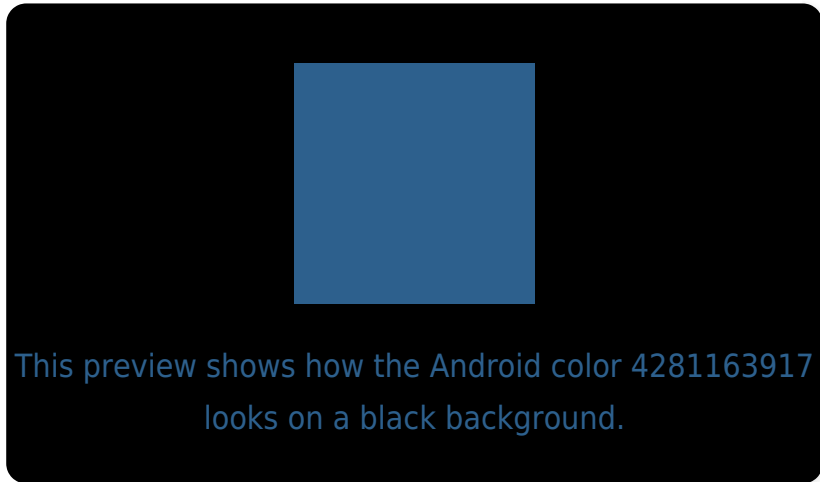
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281163917 Background



This preview shows how black text looks on a background with the Android color 4281163917.

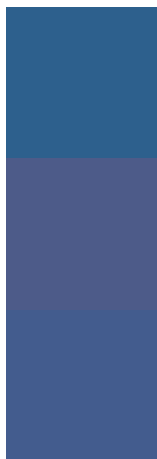


This preview shows how white text looks on a background with the Android color 4281163917.

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
4281163917

Protanopia
4283259785

Deuteranopia
4282604686

Trichromacy



Original Color
4281163917

Protanomaly
4282473866

Deuteranomaly
4282080654

Tritanomaly
4280312953

Monochromacy



Original Color
4281163917

Achromatopsia
4283848278

Achromatomaly
4282866282

CSS Examples

Text

The CSS property to change the color of the text to Android 4281163917 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(45, 96, 141)` looks like.

```
.text, #text, p{  
    color:rgb(45, 96, 141)  
}
```

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(45, 96, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(45, 96, 141) }
```

Border

The CSS property to change the border of an element to Android 4281163917 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(45, 96, 141) }
```

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

```
.border{ border-color:rgb(45, 96, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(45, 96, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(45, 96, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(45, 96, 141);  
box-shadow:4px 4px 4px 4px rgb(45, 96,  
141) }
```

Background

The CSS property to change the background color of an element to Android 4281163917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(45, 96, 141) }
```

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

```
.background{ background-color: rgb(45, 96,  
141) }
```

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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