

Converting Colors

Android(4280109688)

Have a look what the booklet for
Android(4280109688) contains.

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Color

Android(4280109688)

Conversions

Conversions Part 1

Format	Color
Hex	1D4A78
RGB	29, 74, 120
RGB Percent	11%, 29%, 47%
CMY	0.8863, 0.7098, 0.5294
CMYK	0.76, 0.38, 0.00, 0.53
HSL	210°, 61%, 29%
HSV	210°, 76%, 47%
XYZ	6.3456, 6.5148, 18.6923
YIQ	65.7890, -41.5860, 4.7660

Conversions

Conversions Part 2

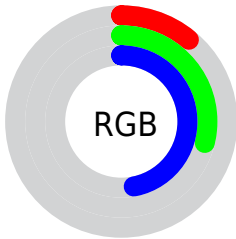
Format	Color
R_{YB}	29, 59, 120
Decimal	1919608
CIE _{Lab}	30.68, 1.65, -30.68
CIE _{LCh}	31, 30.724, 273.076
Yxy	6.5148, 0.2011, 0.2065
Android (android.graphics.Color)	4280109688 (0xFF1D4A78)
YUV	65.7890, 26.7260, -32.2640
Hunter-Lab	25.5242, -0.2899, -25.5534

Details

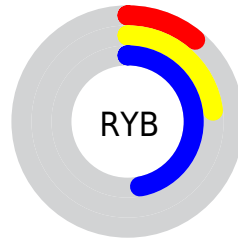
The Android color `4280109688` is a dark color, and the websafe version is hex `003366`. A complement of this color would be `4286073629`, and the grayscale version is `4282532418`.

A 20% lighter version of the original color is `4283857581`, and `4278198087` is the 20% darker color. If you saturate the color by 10%, you get `4279321720`, and if you desaturate by 10%, it is `4280897656`.

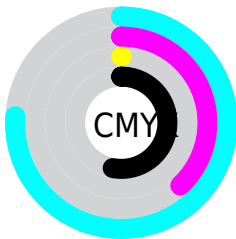
Distribution



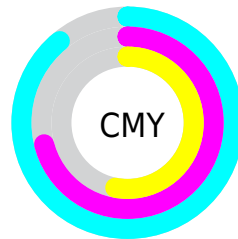
- Red (11%)
- Green (29%)
- Blue (47%)



- Red (11%)
- Yellow (23%)
- Blue (47%)



- Cyan (76%)
- Magenta (38%)
- Yellow (0%)
- Black (53%)



- Cyan (89%)
- Magenta (71%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280109688 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 4280109688 by changing the saturation by 10% instead.

■ 4280109688

■ 4280109688

4294967295

■ 4278203487

■ 4283857581

■ 4278198087

■ 4285633736

■ 4278191408

■ 4287410148

■ 4278190363

■ 4289252095

■ 4278190080

■ 4291094271

■ 4293001215

■ 4280109688

■ 4280109688

■ 4279321720

■ 4280897656

■ 4278533752

■ 4281685624

■ 4278205304

■ 4282473592

■ 4283261560

■ 4284049528

■ 4284837496

■ 4285625464

■ 4286413688

■ 4287201656

Harmonies

Analogous

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



4278210675



4280109688



4283253104

Triad

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



4280109688



4285740847



4279783986

Complementary

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



4280109688



4286073629

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.



4282076702



4280109688



4284956445

Square

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



4280109688



4285805383



4283648022



4278211658

Rectangle

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



4280109688



4284496485



4283648022



4280701226

Sweetspot

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



4280109688



4286089628



4280121418



4281943119



4291809231



4283387727

Same Dimension

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



4280109688



4279129244



4280098168



4281809469



4278206077



4278222332

Inverse Universe

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



4286061898



4288417364



4286085149



4282201914



4286382142



4294705277

Previews

White Background



This preview shows how the Android color 4280109688 looks on a white background.

Color Contrast Check

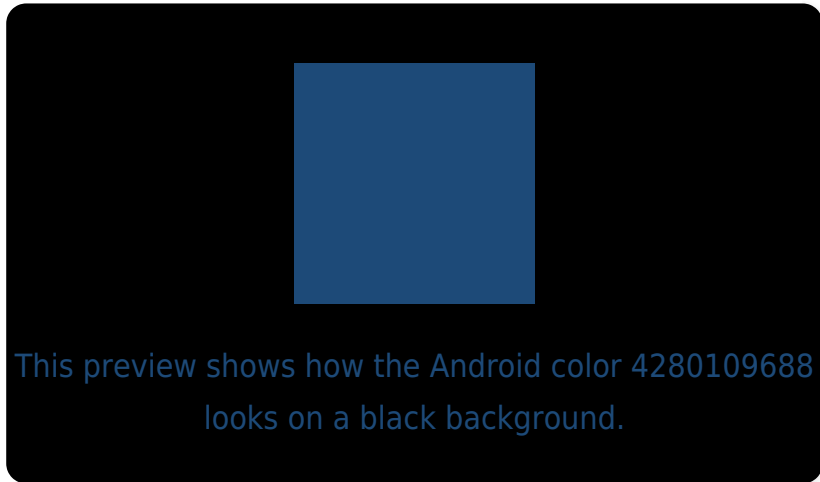
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

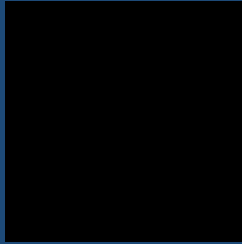
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4280109688 Background



This preview shows how black text looks on a background with the Android color 4280109688.



This preview shows how white text looks on a background with the Android color 4280109688.

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

4280109688

Protanopia

4281747317

Deuteranopia

4280830328

Trichromacy



Original Color
4280109688

Protanomaly
4281157750

Deuteranomaly
4280568184

Tritanomaly
4278931042

Monochromacy



Original Color
4280109688

Achromatopsia
4282532418

Achromatomaly
4281681238

CSS Examples

Text

The CSS property to change the color of the text to Android 4280109688 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(29, 74, 120)` looks like.

```
.text, #text, p{  
    color:rgb(29, 74, 120)  
}
```

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(29, 74, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 74, 120) }
```

Border

The CSS property to change the border of an element to Android 4280109688 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(29, 74, 120) }
```

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

```
.border{ border-color:rgb(29, 74, 120) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 74, 120)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 74, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 74, 120);  
box-shadow:4px 4px 4px 4px rgb(29, 74,  
120) }
```

Background

The CSS property to change the background color of an element to Android 4280109688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 74, 120) }
```

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

```
.background{ background-color: rgb(29, 74,  
120) }
```

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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