

Converting Colors

Android(4280178087)

Have a look what the booklet for
Android(4280178087) contains.

Android(4280178087)	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(4280178087)

Conversions

Conversions Part 1

Format	Color
Hex	1E55A7
RGB	30, 85, 167
RGB Percent	12%, 33%, 65%
CMY	0.8824, 0.6667, 0.3451
CMYK	0.82, 0.49, 0.00, 0.35
HSL	216°, 70%, 39%
HSV	216°, 82%, 65%
XYZ	10.7590, 9.5630, 37.8380
YIQ	77.9030, -59.1020, 13.8420

Conversions

Conversions Part 2

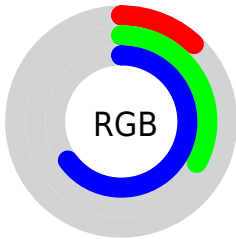
Format	Color
R_{YB}	30, 69, 167
Decimal	1988007
CIE _{Lab}	37.05, 13.22, -49.15
CIE _{LCh}	37, 50.899, 285.055
Yxy	9.5630, 0.1850, 0.1644
Android (android.graphics.Color)	4280178087 (0xFF1E55A7)
YUV	77.9030, 43.9248, -42.0109
Hunter-Lab	30.9242, 7.9855, -50.8988

Details

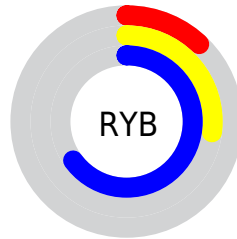
The Android color `4280178087` is a dark color, and the websafe version is hex `0066CC`. A complement of this color would be `4289163294`, and the grayscale version is `4283321934`.

A 20% lighter version of the original color is `4284647135`, and `4278200690` is the 20% darker color. If you saturate the color by 10%, you get `4279061415`, and if you desaturate by 10%, it is `4281294759`.

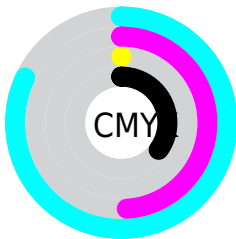
Distribution



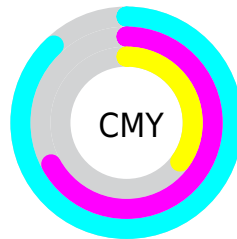
- Red (12%)
- Green (33%)
- Blue (65%)



- Red (12%)
- Yellow (27%)
- Blue (65%)



- Cyan (82%)
- Magenta (49%)
- Yellow (0%)
- Black (35%)



- Cyan (88%)
- Magenta (67%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280178087 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 4280178087 by changing the saturation by 10% instead.

■ 4280178087

■ 4280178087

4294967295

■ 4278206092

■ 4284647135

■ 4278200690

■ 4286554364

■ 4278195801

■ 4288461823

■ 4278191681

■ 4290434815

■ 4278190890

■ 4292342783

■ 4278190356

■ 4294311935

■ 4278190080

■ 4280178087

■ 4280178087

■ 4279061415

■ 4281294759

■ 4278207399

■ 4282345895

■ 4283462567

■ 4284579239

■ 4285695911

■ 4286747047

■ 4287863719

■ 4288980391

■ 4290031527

Harmonies

Analogous

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



4278215335



4280178087



4285678226

Triad

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



4280178087



4287904542



4278216769

Complementary

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



4280178087



4289163294

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.



4280574998



4280178087



4286205440

Square

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



4280178087



4288621380



4283915264



4278217323

Rectangle

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



4280178087



4287444091



4283915264



4278216498

Sweetspot

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



4280178087



4288919769



4280199022



4283259502



4293783021



4285427310

Same Dimension

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



4280178087



4278475481



4280884903



4283191124



4278205332



4278192148

Inverse Universe

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



4289142357



4292412506



4288456478



4283714639



4287889467



4279500808

Previews

White Background



This preview shows how the Android color 4280178087 looks on a white background.

Color Contrast Check

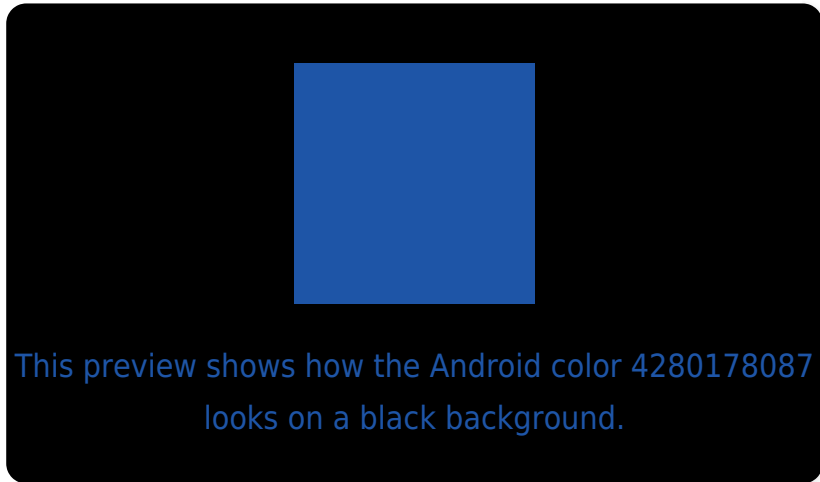
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280178087 Background



This preview shows how black text looks on a background with the Android color 4280178087.



This preview shows how white text looks on a background with the Android color 4280178087.

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

4280178087

Protanopia

4280833190

Deuteranopia

4278213019

Trichromacy



Original Color
4280178087

Protanomaly
4280571046

Deuteranomaly
4278933663

Tritanomaly
4278934910

Monochromacy



Original Color
4280178087

Achromatopsia
4283321934

Achromatomaly
4282208622

CSS Examples

Text

The CSS property to change the color of the text to Android 4280178087 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(30, 85, 167)` looks like.

```
.text, #text, p{  
    color:rgb(30, 85, 167)  
}
```

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(30, 85, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 85, 167) }
```

Border

The CSS property to change the border of an element to Android 4280178087 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(30, 85, 167) }
```

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

```
.border{ border-color:rgb(30, 85, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 85, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 85, 167); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 85, 167);  
box-shadow:4px 4px 4px 4px rgb(30, 85,  
167) }
```

Background

The CSS property to change the background color of an element to Android 4280178087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 85, 167) }
```

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

```
.background{ background-color: rgb(30, 85,  
167) }
```

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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