

Converting Colors

Android(4279587769)

Have a look what the booklet for
Android(4279587769) contains.

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Color

Android(4279587769)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 1553B9 |
| RGB | 21, 83, 185 |
| RGB Percent | 8%, 33%, 73% |
| CMY | 0.9176, 0.6745, 0.2745 |
| CMYK | 0.89, 0.55, 0.00, 0.27 |
| HSL | 217°, 80%, 40% |
| HSV | 217°, 89%, 73% |
| XYZ | 12.1595, 9.8487, 47.1591 |
| YIQ | 76.0900, -69.6940, 18.5780 |

Conversions

Conversions Part 2

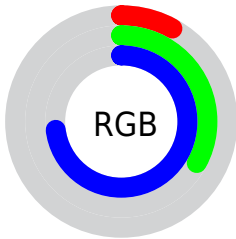
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 21, 66, 185 |
| Decimal | 1397689 |
| CIE _{Lab} | 37.57, 21.04, -58.96 |
| CIE _{LCh} | 38, 62.600, 289.636 |
| Yxy | 9.8487, 0.1758, 0.1424 |
| Android (android.graphics.Color) | 4279587769 (0xFF1553B9) |
| YUV | 76.0900, 53.6926, -48.3139 |
| Hunter-Lab | 31.3827, 14.2416, -67.1278 |

Details

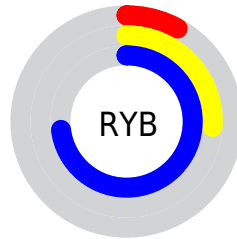
The Android color `4279587769` is a dark color, and the websafe version is hex `3366CC`. A complement of this color would be `4290345749`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4284712178`, and `4278200451` is the 20% darker color. If you saturate the color by 10%, you get `4278405049`, and if you desaturate by 10%, it is `4280836025`.

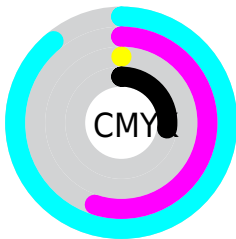
Distribution



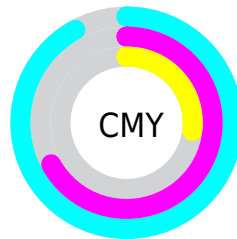
- Red (8%)
- Green (33%)
- Blue (73%)



- Red (8%)
- Yellow (26%)
- Blue (73%)



- Cyan (89%)
- Magenta (55%)
- Yellow (0%)
- Black (27%)



- Cyan (92%)
- Magenta (67%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279587769 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 4279587769 by changing the saturation by 10% instead.

 4279587769

 4279587769

4294967295

 4278205598

 4284712178

 4278200451

 4286750463

 4278195561

 4288723199

 4278190672

 4290696447

 4278191416

 4292669695

 4278190626

 4294639615

 4278190087

 4278190080

 4279587769

 4279587769

■ 4278405049

■ 4280836025

■ 4278208185

■ 4282018489

■ 4283266745

■ 4284449209

■ 4285697465

■ 4286879929

■ 4288128185

■ 4289310649

■ 4290558905

Harmonies

Analogous

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



4278215869



4279587769



4286723995

Triad

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



4279587769



4288493316



4278218053

Complementary

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



4279587769



4290345749

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.



4278216968



4279587769



4286271488

Square

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



4279587769



4289598778



4283260928



4278218361

Rectangle

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



4279587769



4288618621



4283260928



4278217779

Sweetspot

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



4279587769



4289710064



4279613818



4283523192



4294440951



4286085240

Same Dimension

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



4279587769



4278213616



4280817081



4283651676



4278205340



4278192924

Inverse Universe

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



4290319699



4293918811



4289116437



4284240726



4288413755



4280025099

Previews

White Background



This preview shows how the Android color 4279587769 looks on a white background.

Color Contrast Check

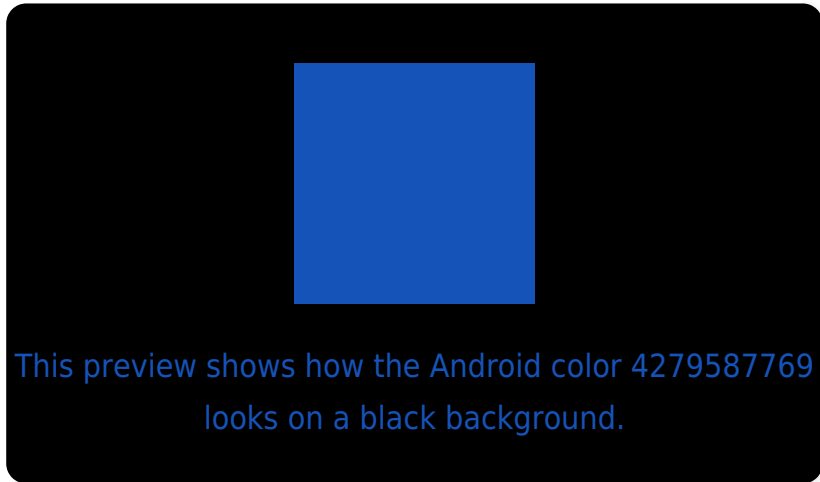
Large Text (above 18pt) WCAG AA ✓ Pass

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

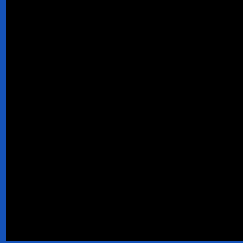
Any Text WCAG AA × Fail

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 4279587769 Background



This preview shows how black text looks on a background with the Android color 4279587769.



This preview shows how white text looks on a background with the Android color 4279587769.

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
4279587769

Protanopia
4278212020

Deuteranopia
4278213275

Trichromacy



Original Color

4279587769

Protanomaly

4278736054

Deuteranomaly

4278736806

Monochromacy



Original Color

4279587769

Achromatopsia

4283190348

Achromatomaly

4281880436

CSS Examples

Text

The CSS property to change the color of the text to Android 4279587769 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(21, 83, 185)` looks like.

```
.text, #text, p{  
    color:rgb(21, 83, 185)  
}
```

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(21, 83, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 83, 185) }
```

Border

The CSS property to change the border of an element to Android 4279587769 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(21, 83, 185) }
```

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

```
.border{ border-color:rgb(21, 83, 185) }
```

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

Here you see how a box with a 4 pixel rgb(21, 83, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 83, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 83, 185);  
box-shadow:4px 4px 4px 4px rgb(21, 83,  
185) }
```

Background

The CSS property to change the background color of an element to Android 4279587769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 83, 185) }
```

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

```
.background{ background-color: rgb(21, 83,  
185) }
```

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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