

Converting Colors

Android(4279650178)

Have a look what the booklet for
Android(4279650178) contains.

| | |
|------------------------------------------------|----|
| Android(4279650178) | 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(4279650178)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 164782 |
| RGB | 22, 71, 130 |
| RGB Percent | 9%, 28%, 51% |
| CMY | 0.9137, 0.7216, 0.4902 |
| CMYK | 0.83, 0.45, 0.00, 0.49 |
| HSL | 213°, 71%, 30% |
| HSV | 213°, 83%, 51% |
| XYZ | 6.6134, 6.2888, 21.9844 |
| YIQ | 63.0750, -48.1430, 7.9610 |

Conversions

Conversions Part 2

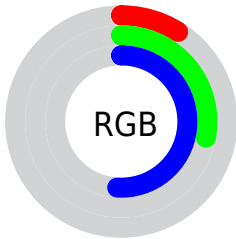
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 22, 56, 130 |
| Decimal | 1460098 |
| CIE Lab | 30.13, 6.82, -37.80 |
| CIE LCh | 30, 38.408, 280.224 |
| Yxy | 6.2888, 0.1896, 0.1803 |
| Android (android.graphics.Color) | 4279650178 (0xFF164782) |
| YUV | 63.0750, 32.9940, -36.0228 |
| Hunter-Lab | 25.0774, 3.1884, -34.4231 |

Details

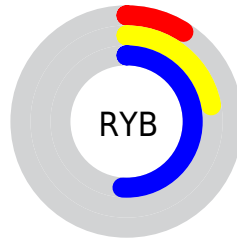
The Android color **4279650178** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **4286730518**, and the grayscale version is **4282335039**.

A 20% lighter version of the original color is **4283791287**, and **4278197584** is the 20% darker color. If you saturate the color by 10%, you get **4278796418**, and if you desaturate by 10%, it is **4280503938**.

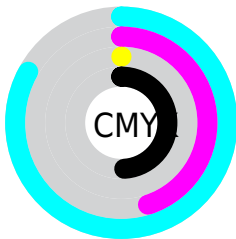
Distribution



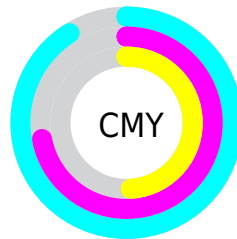
- Red (9%)
- Green (28%)
- Blue (51%)



- Red (9%)
- Yellow (22%)
- Blue (51%)



- Cyan (83%)
- Magenta (45%)
- Yellow (0%)
- Black (49%)



- Cyan (91%)
- Magenta (72%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279650178 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 4279650178 by changing the saturation by 10% instead.

 4279650178

 4279650178

4294967295

 4278202729

 4283791287

 4278197584

 4285632723

 4278190137

 4287409136

 4278190626

 4289251071

 4278190089

 4291158783

 4278190080

 4293066751

 4279650178

 4279650178

 4278796418

 4280503938

■ 4278205314

■ 4281357698

■ 4282211458

■ 4283065218

■ 4283919234

■ 4284772994

■ 4285626754

■ 4286480514

■ 4287334274

Harmonies

Analogous

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



4278210687



4279650178



4283775605

Triad

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



4279650178



4286001698



4278211634

Complementary

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



4279650178



4286730518

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.



4281028629



4279650178



4284890634

Square

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



4279650178



4286392638



4283189506



4278211921

Rectangle

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



4279650178



4285215077



4283189506



4278211368

Sweetspot

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



4279650178



4286484904



4279665232



4282074708



4292138196



4283716692

Same Dimension

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



4279650178



4278209704



4279899778



4281941056



4278205056



4278190080

Inverse Universe

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



4286715463



4289200204



4286480918



4282399036



4286578746



4278190080

Previews

White Background



This preview shows how the Android color 4279650178 looks on a white background.

Color Contrast Check

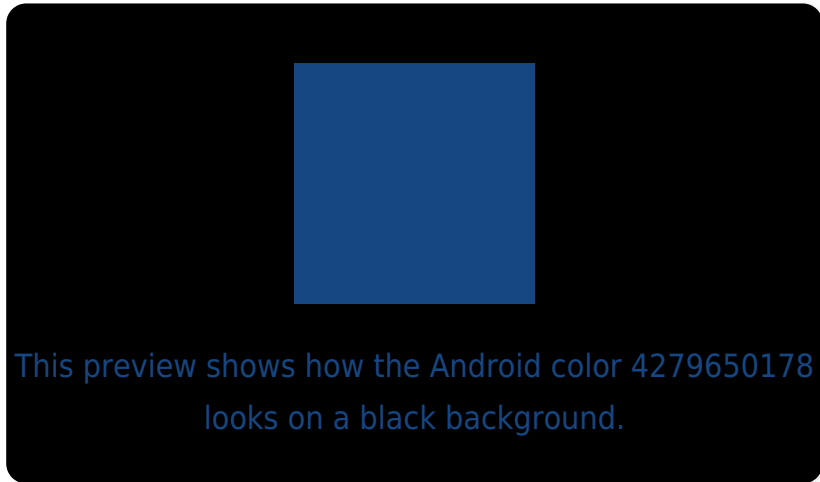
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279650178 Background



This preview shows how black text looks on a background with the Android color 4279650178.



This preview shows how white text looks on a background with the Android color 4279650178.

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

4279650178

Protanopia

4280960384

Deuteranopia

4278208640

Trichromacy



Original Color

4279650178

Protanomaly

4280501889

Deuteranomaly

4278732929

Tritanomaly

4278733925

Monochromacy



Original Color

4279650178

Achromatopsia

4282335039

Achromatomaly

4281352791

CSS Examples

Text

The CSS property to change the color of the text to Android 4279650178 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(22, 71, 130)` looks like.

```
.text, #text, p{  
    color:rgb(22, 71, 130)  
}
```

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(22, 71, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 71, 130) }
```

Border

The CSS property to change the border of an element to Android 4279650178 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(22, 71, 130) }
```

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

```
.border{ border-color:rgb(22, 71, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 71, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 71, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(22, 71, 130);  
box-shadow:4px 4px 4px 4px rgb(22, 71,  
130) }
```

Background

The CSS property to change the background color of an element to Android 4279650178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 71, 130) }
```

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

```
.background{ background-color: rgb(22, 71,  
130) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor