

Converting Colors

Android(4279786625)

Have a look what the booklet for
Android(4279786625) contains.

Android(4279786625)	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(4279786625)

Conversions

Conversions Part 1

Format	Color
Hex	185C81
RGB	24, 92, 129
RGB Percent	9%, 36%, 51%
CMY	0.9059, 0.6392, 0.4941
CMYK	0.81, 0.29, 0.00, 0.49
HSL	201°, 69%, 30%
HSV	201°, 81%, 51%
XYZ	8.1663, 9.4335, 22.1593
YIQ	75.8860, -52.4050, -2.9090

Conversions

Conversions Part 2

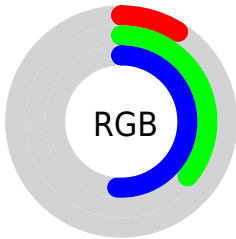
Format	Color
R_{YB}	24, 65, 129
Decimal	1596545
CIE Lab	36.81, -6.98, -26.60
CIE LCh	37, 27.498, 255.294
Yxy	9.4335, 0.2054, 0.2373
Android (android.graphics.Color)	4279786625 (0xFF185C81)
YUV	75.8860, 26.1852, -45.5040
Hunter-Lab	30.7139, -6.2895, -21.2764

Details

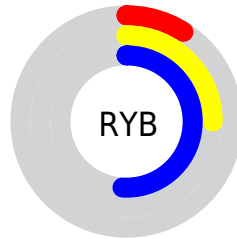
The Android color `4279786625` is a dark color, and the websafe version is hex `006699`. A complement of this color would be `4286659864`, and the grayscale version is `4283190348`.

A 20% lighter version of the original color is `4283862710`, and `4278201935` is the 20% darker color. If you saturate the color by 10%, you get `4278933377`, and if you desaturate by 10%, it is `4280639873`.

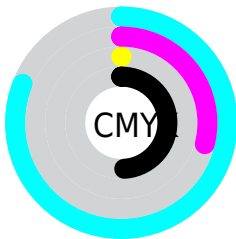
Distribution



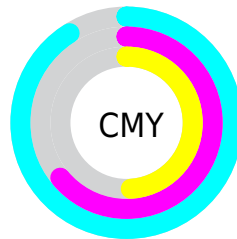
- Red (9%)
- Green (36%)
- Blue (51%)



- Red (9%)
- Yellow (25%)
- Blue (51%)



- Cyan (81%)
- Magenta (29%)
- Yellow (0%)
- Black (49%)



- Cyan (91%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279786625 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 4279786625 by changing the saturation by 10% instead.

 4279786625

 4279786625

4294967295

 4278207848

 4283862710

 4278201935

 4285704402

 4278196792

 4287481070

 4278190627

 4289388799

 4278190089

 4291230975

 4278190080

 4293132287

 4279786625

 4279786625

 4278933377

 4280639873

■ 4278211713

■ 4281492865

■ 4282346113

■ 4283199105

■ 4284052353

■ 4284839809

■ 4285693057

■ 4286546049

■ 4287399297

Harmonies

Analogous

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



4278214773



4279786625



4282930561

Triad

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



4279786625



4286661964



4282408503

Complementary

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



4279786625



4286659864

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.



4284045611



4279786625



4286335544

Square

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



4279786625



4286203490



4285420076



4280312139

Rectangle

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



4279786625



4284370811



4285420076



4282998065

Sweetspot

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



4279786625



4286618280



4279796029



4282141780



4292138196



4283716692

Same Dimension

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



4279786625



4278415016



4279773313



4281941568



4278211456



4278190080

Inverse Universe

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



4286650460



4289201006



4286673176



4282399038



4286578771



4278190080

Previews

White Background



This preview shows how the Android color 4279786625 looks on a white background.

Color Contrast Check

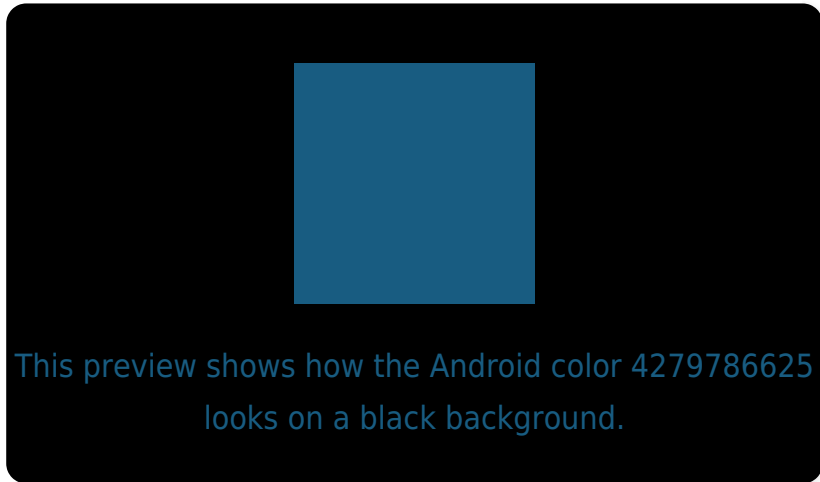
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279786625 Background



This preview shows how black text looks on a background with the Android color 4279786625.



This preview shows how white text looks on a background with the Android color 4279786625.

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

4279786625

Protanopia

4283061627

Deuteranopia

4282537602

Trichromacy



Original Color

4279786625

Protanomaly

4281882749

Deuteranomaly

4281555074

Tritanomaly

4278804336

Monochromacy



Original Color

4279786625

Achromatopsia

4283190348

Achromatomaly

4281946719

CSS Examples

Text

The CSS property to change the color of the text to Android 4279786625 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(24, 92, 129)` looks like.

```
.text, #text, p{  
    color:rgb(24, 92, 129)  
}
```

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(24, 92, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 92, 129) }
```

Border

The CSS property to change the border of an element to Android 4279786625 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(24, 92, 129) }
```

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

```
.border{ border-color:rgb(24, 92, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 92, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 92, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 92, 129);  
box-shadow:4px 4px 4px 4px rgb(24, 92,  
129) }
```

Background

The CSS property to change the background color of an element to Android 4279786625 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 92, 129) }
```

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

```
.background{ background-color: rgb(24, 92,  
129) }
```

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