

Converting Colors

Android(4279782732)

Have a look what the booklet for
Android(4279782732) contains.

| | |
|--|----|
| Android(4279782732) | 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(4279782732)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 184D4C |
| RGB | 24, 77, 76 |
| RGB Percent | 9%, 30%, 30% |
| CMY | 0.9059, 0.6980, 0.7020 |
| CMYK | 0.69, 0.00, 0.01, 0.70 |
| HSL | 179°, 52%, 20% |
| HSV | 179°, 69%, 30% |
| XYZ | 4.3351, 6.0237, 7.7717 |
| YIQ | 61.0390, -31.2670, -11.5470 |

Conversions

Conversions Part 2

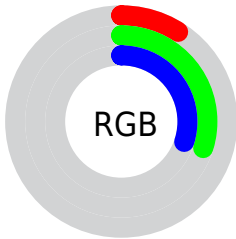
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 24, 51, 77 |
| Decimal | 1592652 |
| CIE Lab | 29.47, -17.36, -4.56 |
| CIE LCh | 29, 17.946, 194.726 |
| Yxy | 6.0237, 0.2391, 0.3322 |
| Android (android.graphics.Color) | 4279782732 (0xFF184D4C) |
| YUV | 61.0390, 7.3758, -32.4832 |
| Hunter-Lab | 24.5433, -11.4225, -1.5940 |

Details

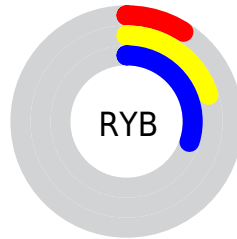
The Android color **4279782732** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **4283242521**, and the grayscale version is **4282203453**.

A 20% lighter version of the original color is **4283203197**, and **4278198560** is the 20% darker color. If you saturate the color by 10%, you get **4279258444**, and if you desaturate by 10%, it is **4280307020**.

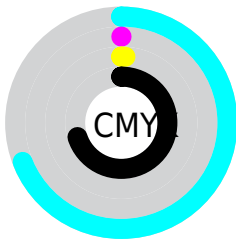
Distribution



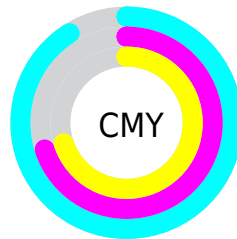
- Red (9%)
- Green (30%)
- Blue (30%)



- Red (9%)
- Yellow (20%)
- Blue (30%)



- Cyan (69%)
- Magenta (0%)
- Yellow (1%)
- Black (70%)



- Cyan (91%)
- Magenta (70%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279782732 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 4279782732 by changing the saturation by 10% instead.

 4279782732

 4279782732

4294967295

 4278203957

 4283203197

 4278198560

 4284848279

 4278190089

 4286559153

 4278190080

 4288335821

 4290178025

 4292018175

 4293853183

 4279782732

 4279782732

■ 4279258444

■ 4280307020

■ 4278799692

■ 4280765772

■ 4278275404

■ 4281290060

■ 4278209868

■ 4281814349

■ 4282273101

■ 4282797389

■ 4283321677

■ 4283845965

■ 4284304717

Harmonies

Analogous

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



4280831038



4279782732



4279651417

Triad

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



4279782732



4283449177



4283777579

Complementary

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



4279782732



4283242521

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.



4284366386



4279782732



4284234829

Square

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



4279782732



4282205280



4284562239



4282926890

Rectangle

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



4279782732



4280306270



4284562239



4284039469

Sweetspot

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



4279782732



4283392867



4279913752



4280693555



4289967027



4281545523

Same Dimension

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



4279782732



4279329634



4279776333



4280428070



4278216292



4278249185

Inverse Universe

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



4283242521



4284682514



4283248920



4280689186



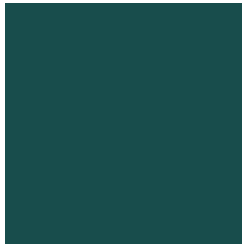
4284874754



4293263364

Previews

White Background



This preview shows how the Android color 4279782732 looks on a white background.

Color Contrast Check

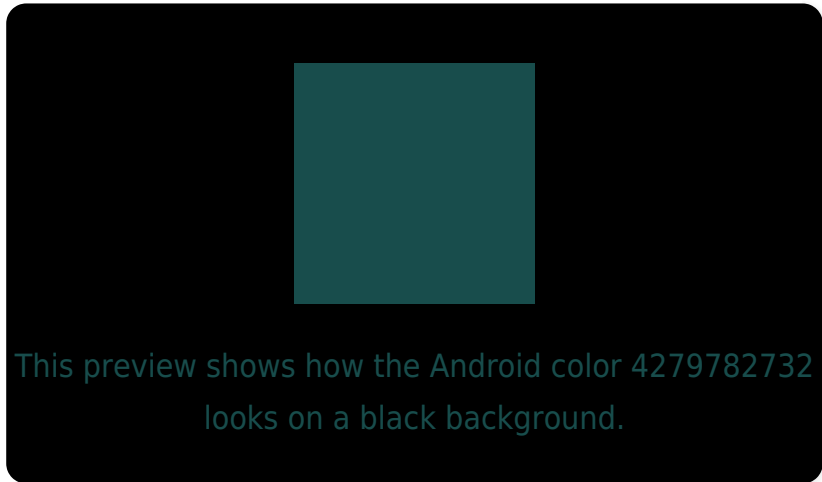
Large Text (above 18pt) WCAG AA ✓ Pass

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 4279782732 Background



This preview shows how black text looks on a background with the Android color 4279782732.



This preview shows how white text looks on a background with the Android color 4279782732.

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

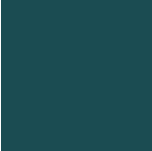
4279782732

Protanopia

4282795335

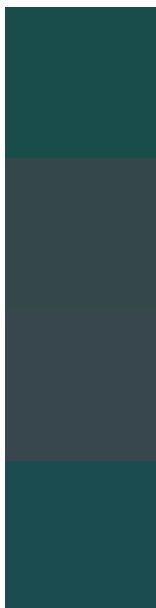
Deuteranopia

4282925902



Tritanopia
4279979090

Trichromacy



Original Color

4279782732

Protanomaly

4281681993

Deuteranomaly

4281812813

Tritanomaly

4279913552

Monochromacy



Original Color

4279782732

Achromatopsia

4282203453

Achromatomaly

4281353026

CSS Examples

Text

The CSS property to change the color of the text to Android 4279782732 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, 77, 76)` looks like.

```
.text, #text, p{  
    color:rgb(24, 77, 76)  
}
```

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, 77, 76) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 77, 76) }
```

Border

The CSS property to change the border of an element to Android 4279782732 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, 77, 76) }
```

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

```
.border{ border-color:rgb(24, 77, 76) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 77, 76)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 77, 76); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 77, 76);  
box-shadow:4px 4px 4px 4px rgb(24, 77, 76)  
}
```

Background

The CSS property to change the background color of an element to Android 4279782732 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 77, 76) }
```

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

```
.background{ background-color: rgb(24, 77,  
76) }
```

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