

Converting Colors

Android(4279507646)

Have a look what the booklet for
Android(4279507646) contains.

Android(4279507646)	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(4279507646)

Conversions

Conversions Part 1

Format	Color
Hex	141ABE
RGB	20, 26, 190
RGB Percent	8%, 10%, 75%
CMY	0.9216, 0.8980, 0.2549
CMYK	0.89, 0.86, 0.00, 0.25
HSL	238°, 81%, 41%
HSV	238°, 89%, 75%
XYZ	9.9521, 4.6052, 49.0796
YIQ	42.9020, -56.2200, 49.7320

Conversions

Conversions Part 2

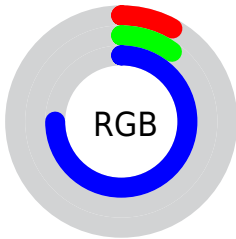
Format	Color
R_{YB}	20, 26, 190
Decimal	1317566
CIE _{Lab}	25.58, 56.45, -81.66
CIE _{LCh}	26, 99.269, 304.653
Yxy	4.6052, 0.1564, 0.0724
Android (android.graphics.Color)	4279507646 (0xFF141ABE)
YUV	42.9020, 72.5193, -20.0851
Hunter-Lab	21.4598, 45.2263, -120.5773

Details

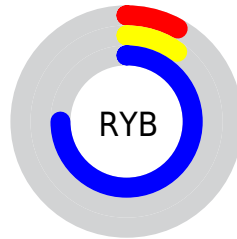
The Android color `4279507646` is a dark color, and the websafe version is hex `0033CC`. A complement of this color would be `4290689044`, and the grayscale version is `4280953386`.

A 20% lighter version of the original color is `4285091064`, and `4278190215` is the 20% darker color. If you saturate the color by 10%, you get `4278257854`, and if you desaturate by 10%, it is `4280757438`.

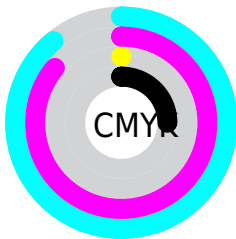
Distribution



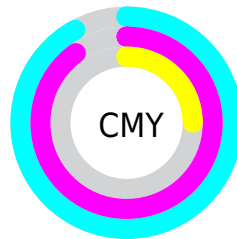
- Red (8%)
- Green (10%)
- Blue (75%)



- Red (8%)
- Yellow (10%)
- Blue (75%)



- Cyan (89%)
- Magenta (86%)
- Yellow (0%)
- Black (25%)



- Cyan (92%)
- Magenta (90%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279507646 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 4279507646 by changing the saturation by 10% instead.

 4279507646

 4279507646

4294967295

 4278190242

 4285091064

 4278190215

 4287194623

 4278190189

 4289298431

 4278192979

 4291271423

 4278191675

 4293310207

 4278190628

 4294955775

 4278190092

 4294962943

 4278190080

 4279507646

 4279507646

■ 4278257854

■ 4280757438

■ 4278192062

■ 4282007486

■ 4283257278

■ 4284507070

■ 4285757118

■ 4287006910

■ 4288256702

■ 4289506750

■ 4290756542

Harmonies

Analogous

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



4278208987



4279507646



4288086143

Triad

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



4279507646



4286255616



4278211399

Complementary

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



4279507646



4290689044

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.



4278210816



4279507646



4282466048

Square

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



4279507646



4288872448



4278209536



4278211987

Rectangle

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



4279507646



4289593422



4278209536



4278211117

Sweetspot

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



4279507646



4290099191



4279549621



4283782781



4294769916



4286414205

Same Dimension

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



4279507646



4278192631



4284552382



4283782494



4278191774



4278190367

Inverse Universe

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



4290647066



4294377481



4285709844



4284372309



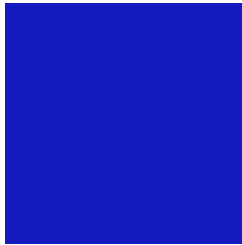
4288544774



4280221697

Previews

White Background



This preview shows how the Android color 4279507646 looks on a white background.

Color Contrast Check

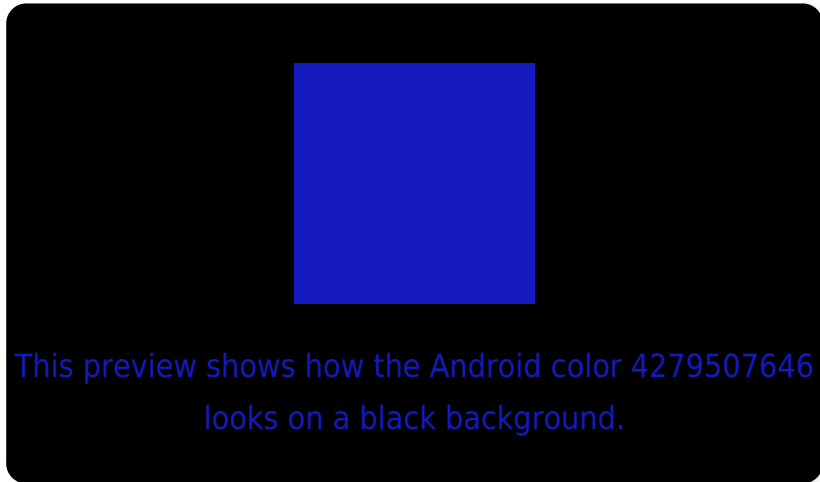
Large Text (above 18pt) WCAG AA ✓ Pass

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

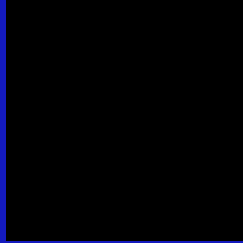
Any Text WCAG AA × Fail

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 4279507646 Background



This preview shows how black text looks on a background with the Android color 4279507646.



This preview shows how white text looks on a background with the Android color 4279507646.

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
4279507646

Protanopia
4278205308

Deuteranopia
4278206313

Trichromacy



Original Color
4279507646

Protanomaly
4278661012

Deuteranomaly
4278661768

Tritanomaly
4278662514

Monochromacy



Original Color
4279507646

Achromatopsia
4281019179

Achromatomaly
4280493408

CSS Examples

Text

The CSS property to change the color of the text to Android 4279507646 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(20, 26, 190)` looks like.

```
.text, #text, p{  
    color:rgb(20, 26, 190)  
}
```

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(20, 26, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 26, 190) }
```

Border

The CSS property to change the border of an element to Android 4279507646 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(20, 26, 190) }
```

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

```
.border{ border-color:rgb(20, 26, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 26, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 26, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 26, 190);  
box-shadow:4px 4px 4px 4px rgb(20, 26,  
190) }
```

Background

The CSS property to change the background color of an element to Android 4279507646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 26, 190) }
```

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

```
.background{ background-color: rgb(20, 26,  
190) }
```

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