

Converting Colors

Android(4279705012)

Have a look what the booklet for
Android(4279705012) contains.

Android(4279705012)	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(4279705012)

Conversions

Conversions Part 1

Format	Color
Hex	171DB4
RGB	23, 29, 180
RGB Percent	9%, 11%, 71%
CMY	0.9098, 0.8863, 0.2941
CMYK	0.87, 0.84, 0.00, 0.29
HSL	238°, 77%, 40%
HSV	238°, 87%, 71%
XYZ	9.0309, 4.3562, 43.5449
YIQ	44.4200, -52.0470, 45.6890

Conversions

Conversions Part 2

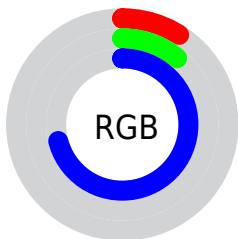
Format	Color
R_{YB}	23, 29, 180
Decimal	1514932
CIE _{Lab}	24.82, 52.23, -76.98
CIE _{LCh}	25, 93.025, 304.155
Yxy	4.3562, 0.1586, 0.0765
Android (android.graphics.Color)	4279705012 (0xFF171DB4)
YUV	44.4200, 66.8409, -18.7853
Hunter-Lab	20.8715, 40.7107, -109.0888

Details

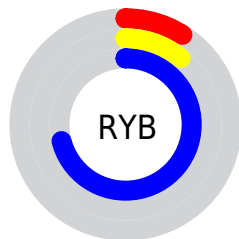
The Android color `4279705012` is a dark color, and the websafe version is hex `3333CC`. A complement of this color would be `4290031127`, and the grayscale version is `4281084972`.

A 20% lighter version of the original color is `4284960493`, and `4278190206` is the 20% darker color. If you saturate the color by 10%, you get `4278521012`, and if you desaturate by 10%, it is `4280889012`.

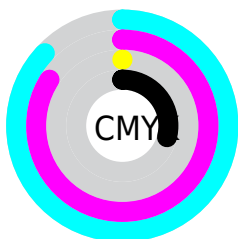
Distribution



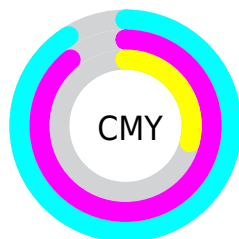
- Red (9%)
- Green (11%)
- Blue (71%)



- Red (9%)
- Yellow (11%)
- Blue (71%)



- Cyan (87%)
- Magenta (84%)
- Yellow (0%)
- Black (29%)



- Cyan (91%)
- Magenta (89%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4279705012 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 4279705012 by changing the saturation by 10% instead.

 4279705012

 4279705012

4294967295

 4278191000

 4284960493

 4278190206

 4287064063

 4278190180

 4289036799

 4278192458

 4291075071

 4278191155

 4293048319

 4278190621

 4294956031

 4278190080

 4294963199

 4279705012

 4279705012

■ 4278521012

■ 4280889012

■ 4278192052

■ 4282073268

■ 4283257268

■ 4284441268

■ 4285625524

■ 4286809524

■ 4287993524

■ 4289177524

■ 4290361780

Harmonies

Analogous

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



4278208206



4279705012



4287496314

Triad

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



4279705012



4285993984



4278210628

Complementary

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



4279705012



4290031127

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.



4278210048



4279705012



4282465536

Square

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



4279705012



4288413696



4278209024



4278211211

Rectangle

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



4279705012



4289003596



4278209024



4278210603

Sweetspot

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



4279705012



4289638635



4279743660



4283519605



4294309365



4285887861

Same Dimension

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



4279705012



4278192619



4284356532



4283453785



4278191769



4278190362

Inverse Universe

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



4289992477



4293591049



4285379607



4284043345



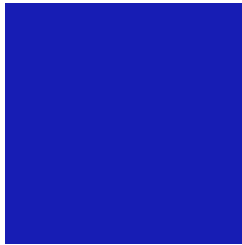
4288217094



4279894017

Previews

White Background



This preview shows how the Android color 4279705012 looks on a white background.

Color Contrast Check

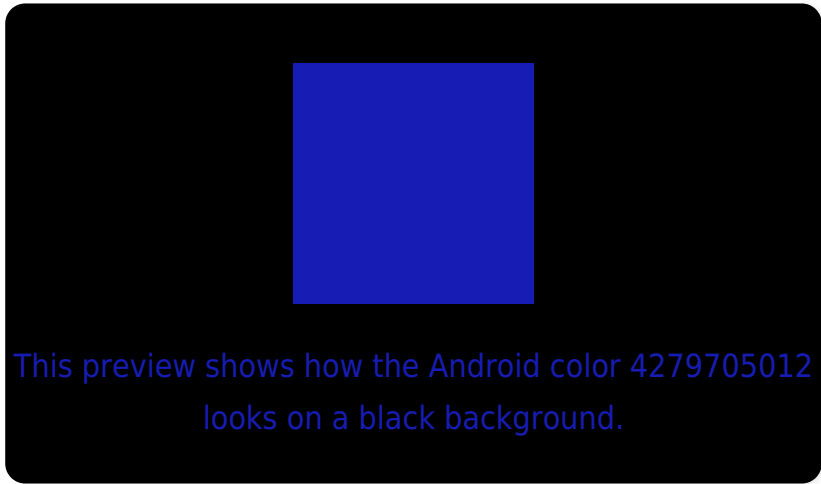
Large Text (above 18pt) WCAG AA ✓ Pass

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

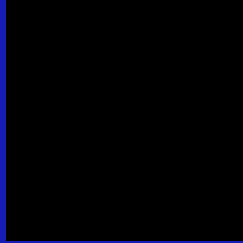
Any Text WCAG AA × Fail

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 4279705012 Background



This preview shows how black text looks on a background with the Android color 4279705012.



This preview shows how white text looks on a background with the Android color 4279705012.

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

4279705012

Protanopia

4278204792

Deuteranopia

4278205798

Trichromacy



Original Color
4279705012

Protanomaly
4278726542

Deuteranomaly
4278727042

Tritanomaly
4278728045

Monochromacy



Original Color
4279705012

Achromatopsia
4281084972

Achromatomaly
4280559453

CSS Examples

Text

The CSS property to change the color of the text to Android 4279705012 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(23, 29, 180)` looks like.

```
.text, #text, p{  
    color:rgb(23, 29, 180)  
}
```

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(23, 29, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 29, 180) }
```

Border

The CSS property to change the border of an element to Android 4279705012 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(23, 29, 180) }
```

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

```
.border{ border-color:rgb(23, 29, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 29, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 29, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 29, 180);  
box-shadow:4px 4px 4px 4px rgb(23, 29,  
180) }
```

Background

The CSS property to change the background color of an element to Android 4279705012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 29, 180) }
```

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

```
.background{ background-color: rgb(23, 29,  
180) }
```

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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