

Converting Colors

Android(4280191457)

Have a look what the booklet for
Android(4280191457) contains.

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Color

Android(4280191457)

Conversions

Conversions Part 1

Format	Color
Hex	1E89E1
RGB	30, 137, 225
RGB Percent	12%, 54%, 88%
CMY	0.8824, 0.4627, 0.1176
CMYK	0.87, 0.39, 0.00, 0.12
HSL	207°, 76%, 50%
HSV	207°, 87%, 88%
XYZ	23.0717, 23.6036, 74.5741
YIQ	115.0390, -92.0200, 4.6840

Conversions

Conversions Part 2

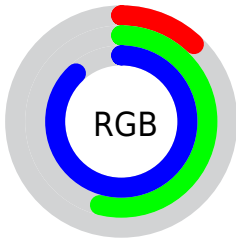
Format	Color
R_{YB}	30, 99, 225
Decimal	2001377
CIE _{Lab}	55.69, 2.90, -52.69
CIE _{LCh}	56, 52.773, 273.148
Yxy	23.6036, 0.1903, 0.1947
Android (android.graphics.Color)	4280191457 (0xFF1E89E1)
YUV	115.0390, 54.2108, -74.5792
Hunter-Lab	48.5835, -0.2538, -56.9997

Details

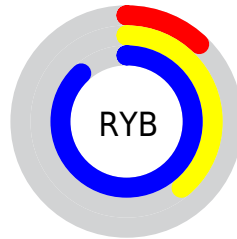
The Android color `4280191457` is a dark color, and the websafe version is hex `0099FF`. The color can be described as dark washed azure. A complement of this color would be `4292965918`, and the grayscale version is `4285756275`.

A 20% lighter version of the original color is `4285513471`, and `4278212777` is the 20% darker color. If you saturate the color by 10%, you get `4278747105`, and if you desaturate by 10%, it is `4281701345`.

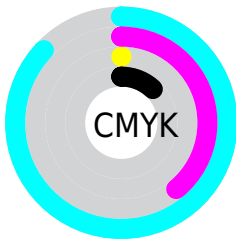
Distribution



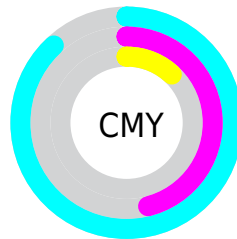
- Red (12%)
- Green (54%)
- Blue (88%)



- Red (12%)
- Yellow (39%)
- Blue (88%)



- Cyan (87%)
- Magenta (39%)
- Yellow (0%)
- Black (12%)



- Cyan (88%)
- Magenta (46%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280191457 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 4280191457 by changing the saturation by 10% instead.

 4280191457

 4280191457

4294967295

 4278218949

 4285513471


 4278212777

 4287617791

 4278206862

 4289656575

 4278201460

 4291690495

 4278196571

 4293722111

 4278191939

 4278190892

 4278190358

 4278190080

■ 4280191457

■ 4280191457

■ 4278747105

■ 4281701345

■ 4278221793

■ 4283145697

■ 4284655585

■ 4286100193

■ 4287610081

■ 4289054433

■ 4290564321

■ 4292008673

■ 4293518561

Harmonies

Analogous

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



4278228439



4280191457



4287461330

Triad

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



4280191457



4292174422



4280129626

Complementary

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



4280191457



4292965918

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.



4285174067



4280191457



4290671666

Square

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



4280191457



4292369282



4288251169



4278230153

Rectangle

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



4280191457



4289948349



4288251169



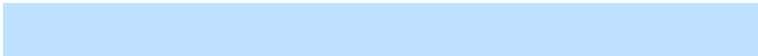
4282488652

Sweetspot

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



4280191457



4290634239



4280213878



4283985536



4278190080



4286611584

Same Dimension

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



4280191457



4278226175



4280166625



4284836720



4278215088



4278197040

Inverse Universe

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



4292943497



4294901900



4292990750



4285556075



4289724513



4281335835

Previews

White Background



This preview shows how the Android color 4280191457 looks on a white background.

Color Contrast Check

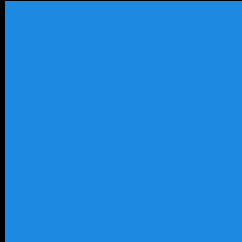
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4280191457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

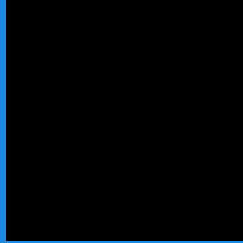
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

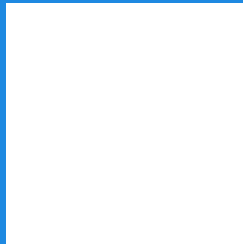
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4280191457 Background



This preview shows how black text looks on a background with the Android color 4280191457.



This preview shows how white text looks on a background with the Android color 4280191457.

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



Trichromacy



Original Color
4280191457

Protanomaly
4283008477

Deuteranomaly
4281632738

Tritanomaly
4278947766

Monochromacy



Original Color
4280191457

Achromatopsia
4285756275

Achromatomaly
4283726747

CSS Examples

Text

The CSS property to change the color of the text to Android 4280191457 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(30, 137, 225)` looks like.

```
.text, #text, p{  
    color:rgb(30, 137, 225)  
}
```

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(30, 137, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 137, 225) }
```

Border

The CSS property to change the border of an element to Android 4280191457 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(30, 137, 225) }
```

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

```
.border{ border-color:rgb(30, 137, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 137, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 137, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 137, 225);  
box-shadow:4px 4px 4px 4px rgb(30, 137,  
225) }
```

Background

The CSS property to change the background color of an element to Android 4280191457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 137, 225) }
```

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

```
.background{ background-color: rgb(30, 137,  
225) }
```

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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