

Converting Colors

Android(4280387816)

Have a look what the booklet for
Android(4280387816) contains.

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Color

Android(4280387816)

Conversions

Conversions Part 1

Format	Color
Hex	2188E8
RGB	33, 136, 232
RGB Percent	13%, 53%, 91%
CMY	0.8706, 0.4667, 0.0902
CMYK	0.86, 0.41, 0.00, 0.09
HSL	209°, 81%, 52%
HSV	209°, 86%, 91%
XYZ	23.9968, 23.7578, 79.6649
YIQ	116.1470, -92.2040, 8.0200

Conversions

Conversions Part 2

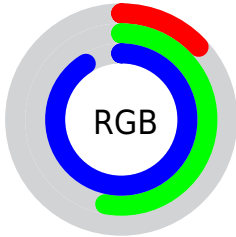
Format	Color
R_{YB}	33, 101, 232
Decimal	2197736
CIE Lab	55.84, 6.34, -56.35
CIE LCh	56, 56.704, 276.421
Yxy	23.7578, 0.1883, 0.1865
Android (android.graphics.Color)	4280387816 (0xFF2188E8)
YUV	116.1470, 57.1155, -72.9199
Hunter-Lab	48.7420, 2.5812, -62.7853

Details

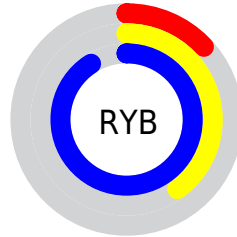
The Android color `4280387816` is a dark color, and the websafe version is hex `3399FF`. The color can be described as middle washed azure. A complement of this color would be `4293427489`, and the grayscale version is `4285822068`.

A 20% lighter version of the original color is `4285709823`, and `4278212528` is the 20% darker color. If you saturate the color by 10%, you get `4278877672`, and if you desaturate by 10%, it is `4281897960`.

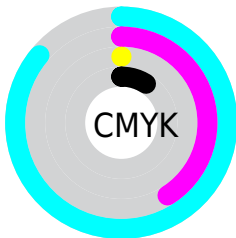
Distribution



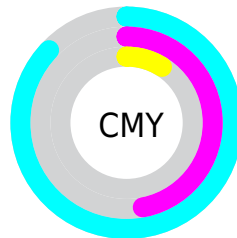
- Red (13%)
- Green (53%)
- Blue (91%)



- Red (13%)
- Yellow (40%)
- Blue (91%)



- Cyan (86%)
- Magenta (41%)
- Yellow (0%)
- Black (9%)



- Cyan (87%)
- Magenta (47%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280387816 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 4280387816 by changing the saturation by 10% instead.

 4280387816

 4280387816

4294967295

 4278218699

 4285709823


 4278212528

 4287813887

 4278206869

 4289918463

 4278201466

 4291952639

 4278196321

 4293984255

 4278192200

 4278191153

 4278190363

 4278190080

■ 4280387816

■ 4280387816

■ 4278877672

■ 4281897960

■ 4278221032

■ 4283408104

■ 4284984040

■ 4286494184

■ 4288004328

■ 4289514472

■ 4291024616

■ 4292600552

■ 4294110696

Harmonies

Analogous

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



4278228448



4280387816



4287984854

Triad

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



4280387816



4292370766



4278229596

Complementary

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



4280387816



4293427489

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.



4284584752



4280387816



4290671911

Square

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



4280387816



4292761213



4287989525



4278230415

Rectangle

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



4280387816



4290537149



4287989525



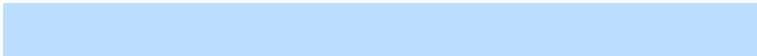
4281178444

Sweetspot

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



4280387816



4290633727



4280412286



4283985024



4278190080



4286611584

Same Dimension

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



4280387816



4278224127



4280363240



4284968307



4278213811



4278196787

Inverse Universe

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



4293403016



4294901892



4293452065



4285753197



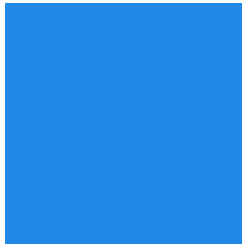
4289921116



4281532442

Previews

White Background



This preview shows how the Android color 4280387816 looks on a white background.

Color Contrast Check

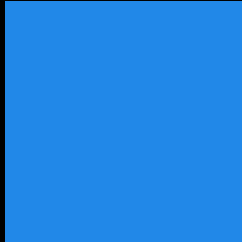
Large Text (above 18pt) WCAG AA ✓ Pass

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 4280387816 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 4280387816 Background



This preview shows how black text looks on a background with the Android color 4280387816.



This preview shows how white text looks on a background with the Android color 4280387816.

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
4280387816

Protanomaly
4282877156

Deuteranomaly
4281108456

Tritanomaly
4279013561

Monochromacy



Original Color
4280387816

Achromatopsia
4285822068

Achromatomaly
4283857822

CSS Examples

Text

The CSS property to change the color of the text to Android 4280387816 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(33, 136, 232)` looks like.

```
.text, #text, p{  
    color:rgb(33, 136, 232)  
}
```

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(33, 136, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 136, 232) }
```

Border

The CSS property to change the border of an element to Android 4280387816 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(33, 136, 232) }
```

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

```
.border{ border-color:rgb(33, 136, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 136, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 136, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 136, 232);  
box-shadow:4px 4px 4px 4px rgb(33, 136,  
232) }
```

Background

The CSS property to change the background color of an element to Android 4280387816 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 136, 232) }
```

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

```
.background{ background-color: rgb(33, 136,  
232) }
```

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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