

Converting Colors

Android(4282687217)

Have a look what the booklet for
Android(4282687217) contains.

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Color

Android(4282687217)

Conversions

Conversions Part 1

Format	Color
Hex	449EF1
RGB	68, 158, 241
RGB Percent	27%, 62%, 95%
CMY	0.7333, 0.3804, 0.0549
CMYK	0.72, 0.34, 0.00, 0.05
HSL	209°, 86%, 61%
HSV	209°, 72%, 95%
XYZ	30.4879, 32.0335, 87.7953
YIQ	140.5520, -80.2830, 6.7330

Conversions

Conversions Part 2

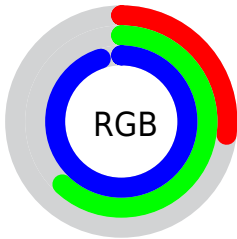
Format	Color
R _Y B	68, 127, 241
Decimal	4497137
CIE Lab	63.37, 0.15, -49.31
CIE LCh	63, 49.306, 270.178
Yxy	32.0335, 0.2028, 0.2131
Android (android.graphics.Color)	4282687217 (0xFF449EF1)
YUV	140.5520, 49.5209, -63.6281
Hunter-Lab	56.5982, -2.8936, -52.3521

Details

The Android color `4282687217` is a light color, and the websafe version is hex `0099FF`. The color can be described as light washed azure. A complement of this color would be `4294022980`, and the grayscale version is `4287401100`.

A 20% lighter version of the original color is `4287091967`, and `4278217656` is the 20% darker color. If you saturate the color by 10%, you get `4281111281`, and if you desaturate by 10%, it is `4284263153`.

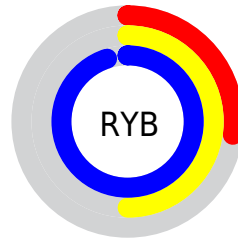
Distribution



Red (27%)

Green (62%)

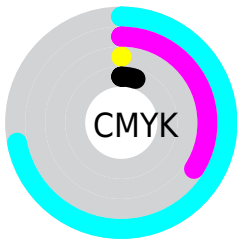
Blue (95%)



Red (27%)

Yellow (50%)

Blue (95%)

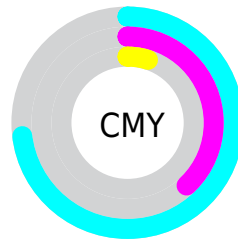


Cyan (72%)

Magenta (34%)

Yellow (0%)

Black (5%)



Cyan (73%)

Magenta (38%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282687217 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 4282687217 by changing the saturation by 10% instead.

 4282687217

 4282687217

4294967295

 4279076052

 4287091967

 4278217656

 4289131007

 4278211485

 4291166207

 4278205827

 4293197823

 4278200425

 4278195024

 4278191417

 4278190626

 4278190088

■ 4282687217

■ 4282687217

■ 4281111281

■ 4284263153

■ 4279535601

■ 4285838833

■ 4278222321

■ 4287414769

■ 4288990449

■ 4290566385

■ 4292207601

■ 4293783537

■ 4294966001

■ 4294967281

Harmonies

Analogous

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



4278233573



4282687217



4288450277

Triad

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



4282687217



4293490800



4283214956

Complementary

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



4282687217



4294022980

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.



4287013962



4282687217



4292183886

Square

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



4282687217



4293489819



4289894206



4278235032

Rectangle

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



4282687217



4290872018



4289894206



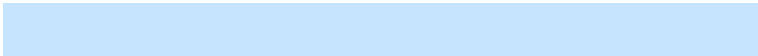
4284656223

Sweetspot

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



4282687217



4291290367



4282708373



4284379264



4278190080



4286611584

Same Dimension

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



4282687217



4280588031



4282665713



4285297272



4278214840



4278197560

Inverse Universe

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



4294001822



4294911126



4294044484



4286082162



4290248800



4281860125

Previews

White Background



This preview shows how the Android color 4282687217 looks on a white background.

Color Contrast Check

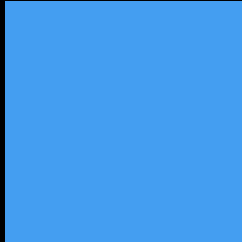
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4282687217 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

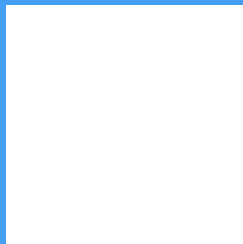
Any Text WCAG AAA ✓ Pass

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

Android 4282687217 Background



This preview shows how black text looks on a background with the Android color 4282687217.

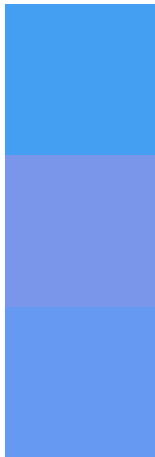


This preview shows how white text looks on a background with the Android color 4282687217.

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
4282687217

Protanopia
4286224106

Deuteranopia
4284914162

Trichromacy



Original Color
4282687217

Protanomaly
4284914157

Deuteranomaly
4284128242

Monochromacy



Original Color
4282687217

Achromatopsia
4287466893

Achromatomaly
4285698993

CSS Examples

Text

The CSS property to change the color of the text to Android 4282687217 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(68, 158, 241)` looks like.

```
.text, #text, p{  
    color:rgb(68, 158, 241)  
}
```

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(68, 158, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 158, 241) }
```

Border

The CSS property to change the border of an element to Android 4282687217 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(68, 158, 241) }
```

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

```
.border{ border-color:rgb(68, 158, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(68, 158, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 158, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 158, 241);  
box-shadow:4px 4px 4px 4px rgb(68, 158,  
241) }
```

Background

The CSS property to change the background color of an element to Android 4282687217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 158, 241) }
```

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

```
.background{ background-color: rgb(68, 158,  
241) }
```

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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