

Converting Colors

Android(4282427866)

Have a look what the booklet for
Android(4282427866) contains.

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Color

Android(4282427866)

Conversions

Conversions Part 1

Format	Color
Hex	40A9DA
RGB	64, 169, 218
RGB Percent	25%, 66%, 85%
CMY	0.7490, 0.3373, 0.1451
CMYK	0.71, 0.22, 0.00, 0.15
HSL	199°, 68%, 55%
HSV	199°, 71%, 85%
XYZ	28.9572, 34.5279, 71.4680
YIQ	143.1910, -78.3090, -7.0210

Conversions

Conversions Part 2

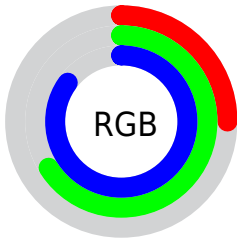
Format	Color
RYB	64, 126, 218
Decimal	4237786
CIELab	65.38, -14.33, -33.50
CIELCh	65, 36.440, 246.840
Yxy	34.5279, 0.2146, 0.2559
Android (android.graphics.Color)	4282427866 (0xFF40A9DA)
YUV	143.1910, 36.8808, -69.4505
Hunter-Lab	58.7604, -14.8657, -30.9798

Details

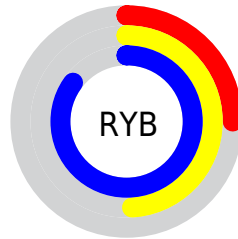
The Android color `4282427866` is a light color, and the websafe version is hex `3399CC`. The color can be described as light muted azure. A complement of this color would be `4292505920`, and the grayscale version is `4287598479`.

A 20% lighter version of the original color is `4286701823`, and `4278220195` is the 20% darker color. If you saturate the color by 10%, you get `4280984282`, and if you desaturate by 10%, it is `4283871450`.

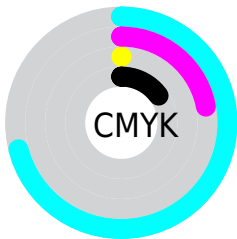
Distribution



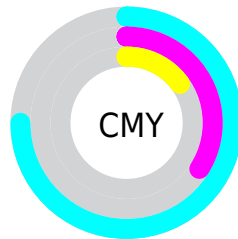
- Red (25%)
- Green (66%)
- Blue (85%)



- Red (25%)
- Yellow (49%)
- Blue (85%)



- Cyan (71%)
- Magenta (22%)
- Yellow (0%)
- Black (15%)



- Cyan (75%)
- Magenta (34%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282427866 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 4282427866 by changing the saturation by 10% instead.

 4282427866

 4282427866

4294967295

 4278947774

 4286701823

 4278220195

 4288740863

 4278213768

 4290707455

 4278207855

 4292673535

 4278202198

 4294705151

 4278197055

 4278190888

 4278190354

 4278190080

■ 4282427866

■ 4282427866

■ 4280984282

■ 4283871450

■ 4279540698

■ 4285315034

■ 4278228442

■ 4286693082

■ 4288136666

■ 4289580250

■ 4291023834

■ 4292467418

■ 4293845210

■ 4294961114

Harmonies

Analogous

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



4278235077



4282427866



4286291935

Triad

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



4282427866



4292707736



4287277161

Complementary

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



4282427866



4292505920

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.



4289568605



4282427866



4292577913

Square

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



4282427866



4291725753



4291400803



4284591748

Rectangle

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



4282427866



4288518361



4291400803



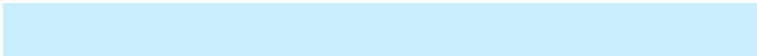
4288063075

Sweetspot

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



4282427866



4291423999



4282440305



4284511616



4278190080



4286611584

Same Dimension

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



4282427866



4280728319



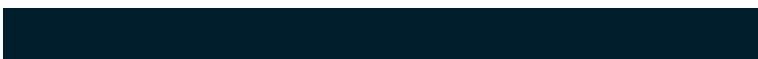
4282408154



4284705390



4278220461



4278198062

Inverse Universe

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



4292493481



4294911674



4292525632



4285424490



4289527926



4281204767

Previews

White Background



This preview shows how the Android color 4282427866 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 4282427866 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 4282427866 Background



This preview shows how black text looks on a background with the Android color 4282427866.



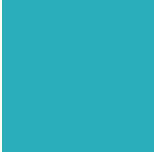
This preview shows how white text looks on a background with the Android color 4282427866.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Android 4282427866 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(64, 169, 218)` looks like.

```
.text, #text, p{  
    color:rgb(64, 169, 218)  
}
```

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(64, 169, 218) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 169, 218) }
```

Border

The CSS property to change the border of an element to Android 4282427866 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(64, 169, 218) }
```

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

```
.border{ border-color:rgb(64, 169, 218) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 169, 218)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 169, 218); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 169, 218);  
box-shadow:4px 4px 4px 4px rgb(64, 169,  
218) }
```

Background

The CSS property to change the background color of an element to Android 4282427866 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 169, 218) }
```

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

```
.background{ background-color: rgb(64, 169,  
218) }
```

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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