

Converting Colors

Android(4282425002)

Have a look what the booklet for
Android(4282425002) contains.

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Color

Android(4282425002)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 409EAA |
| RGB | 64, 158, 170 |
| RGB Percent | 25%, 62%, 67% |
| CMY | 0.7490, 0.3804, 0.3333 |
| CMYK | 0.62, 0.07, 0.00, 0.33 |
| HSL | 187°, 45%, 46% |
| HSV | 187°, 62%, 67% |
| XYZ | 21.5969, 28.4460, 42.3826 |
| YIQ | 131.2620, -59.8760, -16.1960 |

Conversions

Conversions Part 2

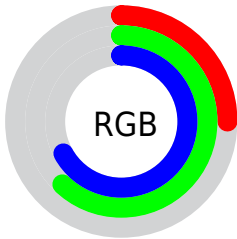
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 64, 114, 170 |
| Decimal | 4234922 |
| CIELab | 60.29, -23.73, -14.50 |
| CIELCh | 60, 27.803, 211.423 |
| Yxy | 28.4460, 0.2337, 0.3078 |
| Android (android.graphics.Color) | 4282425002 (0xFF409EAA) |
| YUV | 131.2620, 19.0978, -58.9888 |
| Hunter-Lab | 53.3348, -21.0557, -9.7805 |




Details

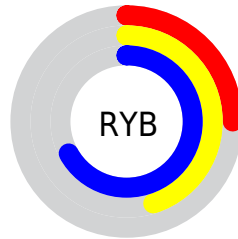
The Android color `4282425002` is a dark color, and the websafe version is hex `339999`. A complement of this color would be `4289350720`, and the grayscale version is `4286808963`.




A 20% lighter version of the original color is `4286305761`, and `4278217334` is the 20% darker color. If you saturate the color by 10%, you get `4281310378`, and if you desaturate by 10%, it is `4283539626`.

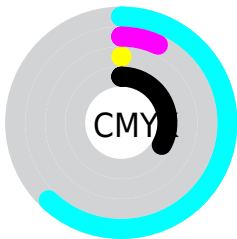
Distribution







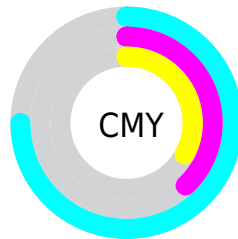
-  Red (25%)
-  Green (62%)
-  Blue (67%)






-  Red (25%)
-  Yellow (45%)
-  Blue (67%)



-  Cyan (62%)
-  Magenta (7%)
-  Yellow (0%)
-  Black (33%)



-  Cyan (75%)
-  Magenta (38%)
-  Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282425002 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 4282425002 by changing the saturation by 10% instead.



4282425002



4282425002

4294967295



4280059024



4286305761



4278217334



4288213502



4278211165



4290117631



4278204998



4292018175



4278199599



4293984255



4278190875



4278190080



4282425002



4282425002



4281310378



4283539626

■ 4280195754

■ 4284654250

■ 4279081130

■ 4285768874

■ 4278228906

■ 4286883498

■ 4287998122

■ 4289112746

■ 4290227114

■ 4291341738

■ 4292456362

Harmonies

Analogous

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



4283408274



4282425002



4283472572

Triad

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



4282425002



4289889193



4288778336

Complementary

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



4282425002



4289350720

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.



4290152551



4282425002



4290805649

Square

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



4282425002



4288056251



4290871673



4287076455

Rectangle

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



4282425002



4284913345



4290871673



4289301857

Sweetspot

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



4282425002



4290042334



4282427979



4283854192



4293980400



4285558896

Same Dimension

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



4282425002



4281846750



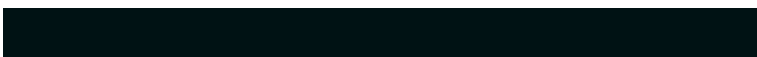
4282411690



4283192148



4278223764



4278194708

Inverse Universe

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



4289347742



4292753355



4289364032



4283714643



4287889539



4279500818

Previews

White Background



This preview shows how the Android color 4282425002 looks on a white background.

Color Contrast Check

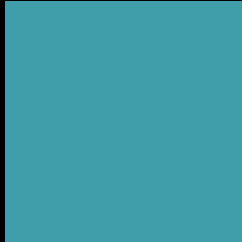
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282425002 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

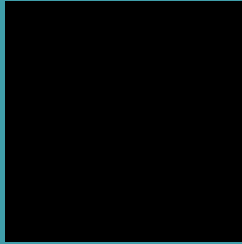
Any Text WCAG AA ✓ Pass

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 4282425002 Background



This preview shows how black text looks on a background with the Android color 4282425002.



This preview shows how white text looks on a background with the Android color 4282425002.

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
4282425002

Protanopia
4287532961

Deuteranopia
4287663534

Trichromacy



Original Color
4282425002

Protanomaly
4285699236

Deuteranomaly
4285764525

Tritanomaly
4282425003

Monochromacy



Original Color
4282425002

Achromatopsia
4286808963

Achromatomaly
4285238673

CSS Examples

Text

The CSS property to change the color of the text to Android 4282425002 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, 158, 170)` looks like.

```
.text, #text, p{  
    color:rgb(64, 158, 170)  
}
```

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, 158, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 158, 170) }
```

Border

The CSS property to change the border of an element to Android 4282425002 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, 158, 170) }
```

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

```
.border{ border-color:rgb(64, 158, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 158, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 158, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 158, 170);  
box-shadow:4px 4px 4px 4px rgb(64, 158,  
170) }
```

Background

The CSS property to change the background color of an element to Android 4282425002 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 158, 170) }
```

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

```
.background{ background-color: rgb(64, 158,  
170) }
```

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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