

Converting Colors

Android(4283201710)

Have a look what the booklet for
Android(4283201710) contains.

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Color

Android(4283201710)

Conversions

Conversions Part 1

Format	Color
Hex	4C78AE
RGB	76, 120, 174
RGB Percent	30%, 47%, 68%
CMY	0.7020, 0.5294, 0.3176
CMYK	0.56, 0.31, 0.00, 0.32
HSL	213°, 39%, 49%
HSV	213°, 56%, 68%
XYZ	17.3369, 18.0254, 42.6099
YIQ	113.0000, -43.5580, 7.4660

Conversions

Conversions Part 2

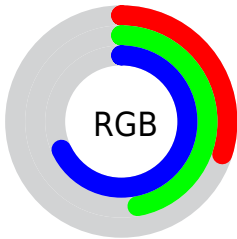
Format	Color
R _Y B	76, 106, 174
Decimal	5011630
CIE Lab	49.53, 1.12, -33.31
CIE LCh	50, 33.331, 271.923
Yxy	18.0254, 0.2223, 0.2312
Android (android.graphics.Color)	4283201710 (0xFF4C78AE)
YUV	113.0000, 30.0730, -32.4490
Hunter-Lab	42.4564, -1.4087, -29.7849

Details

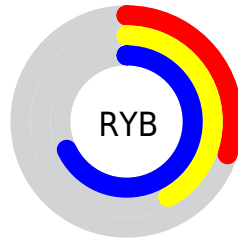
The Android color `4283201710` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289626700`, and the grayscale version is `4285624689`.

A 20% lighter version of the original color is `4286819558`, and `4278536313` is the 20% darker color. If you saturate the color by 10%, you get `4282085038`, and if you desaturate by 10%, it is `4284318382`.

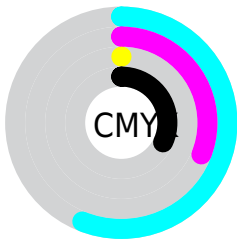
Distribution



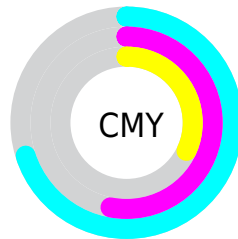
- Red (30%)
- Green (47%)
- Blue (68%)



- Red (30%)
- Yellow (42%)
- Blue (68%)



- Cyan (56%)
- Magenta (31%)
- Yellow (0%)
- Black (32%)



- Cyan (70%)
- Magenta (53%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283201710 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 4283201710 by changing the saturation by 10% instead.

 4283201710

 4283201710

4294967295

 4281294739

 4286819558

 4278536313

 4288661503

 4278202976

 4290569215

 4278197576

 4292476927

 4278191153

 4294377471

 4278190364

 4278190080

 4283201710

 4283201710

 4282085038

 4284318382

■ 4280903086

■ 4285500334

■ 4279786414

■ 4286617006

■ 4278604462

■ 4287798958

■ 4278210222

■ 4288915630

■ 4290032302

■ 4291214254

■ 4292330926

■ 4293512878

Harmonies

Analogous

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



4278223015



4283201710



4286279334

Triad

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



4283201710



4289356377



4282745434

Complementary

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



4283201710



4289626700

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.



4285037892



4283201710



4288506692

Square

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



4283201710



4289355637



4287001916



4278879351

Rectangle

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



4283201710



4287784857



4287001916



4283597138

Sweetspot

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



4283201710



4290563811



4283215490



4284245619



4294111986



4285756275

Same Dimension

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



4283201710



4283010787



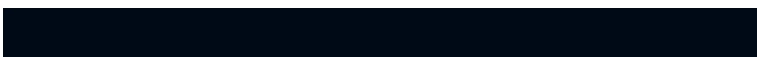
4283518126



4283322967



4278207638



4278192663

Inverse Universe

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



4289612920



4293085582



4289310284



4283911762



4288020548



4279697418

Previews

White Background



This preview shows how the Android color 4283201710 looks on a white background.

Color Contrast Check

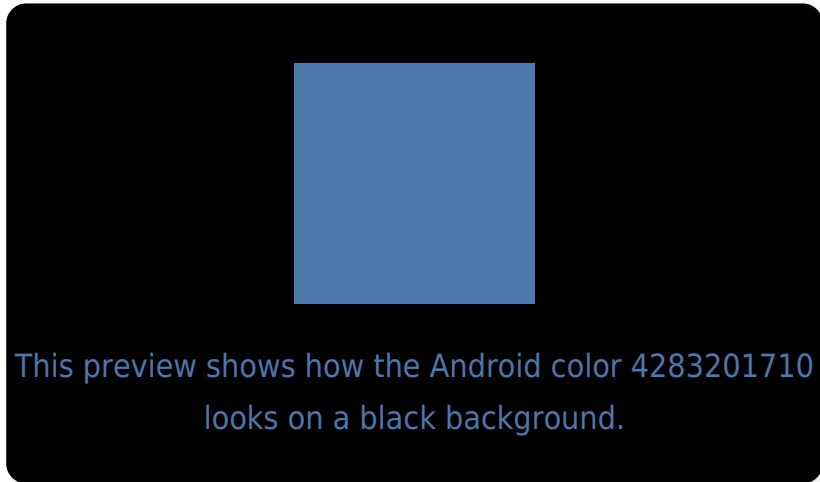
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 4283201710 Background



This preview shows how black text looks on a background with the Android color 4283201710.

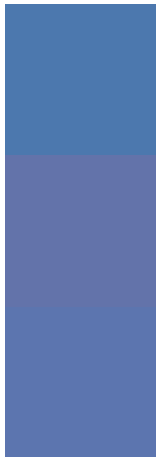


This preview shows how white text looks on a background with the Android color 4283201710.

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
4283201710

Protanopia
4284707754

Deuteranopia
4284249519

Trichromacy



Original Color
4283201710

Protanomaly
4284183979

Deuteranomaly
4283856559

Tritanomaly
4282612886

Monochromacy



Original Color
4283201710

Achromatopsia
4285624689

Achromatomaly
4284773511

CSS Examples

Text

The CSS property to change the color of the text to Android 4283201710 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(76, 120, 174)` looks like.

```
.text, #text, p{  
    color:rgb(76, 120, 174)  
}
```

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(76, 120, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 120, 174) }
```

Border

The CSS property to change the border of an element to Android 4283201710 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(76, 120, 174) }
```

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

```
.border{ border-color:rgb(76, 120, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 120, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 120, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 120, 174);  
box-shadow:4px 4px 4px 4px rgb(76, 120,  
174) }
```

Background

The CSS property to change the background color of an element to Android 4283201710 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 120, 174) }
```

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

```
.background{ background-color: rgb(76, 120,  
174) }
```

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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