

Converting Colors

Android(4282218662)

Have a look what the booklet for
Android(4282218662) contains.

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Color

Android(4282218662)

Conversions

Conversions Part 1

Format	Color
Hex	3D78A6
RGB	61, 120, 166
RGB Percent	24%, 47%, 65%
CMY	0.7608, 0.5294, 0.3490
CMYK	0.63, 0.28, 0.00, 0.35
HSL	206°, 46%, 45%
HSV	206°, 63%, 65%
XYZ	15.5239, 17.1782, 38.5739
YIQ	107.6030, -49.9300, 1.7980

Conversions

Conversions Part 2

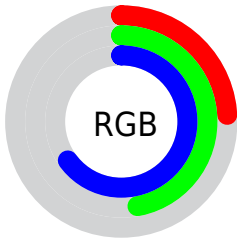
Format	Color
RYB	61, 99, 166
Decimal	4028582
CIELab	48.48, -4.64, -30.34
CIElCh	48, 30.690, 261.311
Yxy	17.1782, 0.2178, 0.2410
Android (android.graphics.Color)	4282218662 (0xFF3D78A6)
YUV	107.6030, 28.7897, -40.8708
Hunter-Lab	41.4466, -5.6742, -26.1680

Details

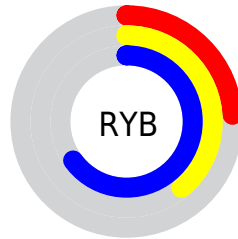
The Android color `4282218662` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289096509`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4285967581`, and `4278208626` is the 20% darker color. If you saturate the color by 10%, you get `4281102758`, and if you desaturate by 10%, it is `4283334566`.

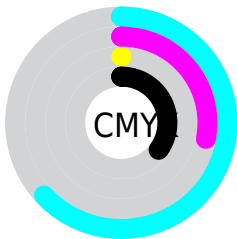
Distribution



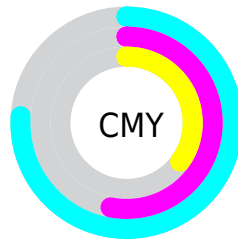
- Red (24%)
- Green (47%)
- Blue (65%)



- Red (24%)
- Yellow (39%)
- Blue (65%)



- Cyan (63%)
- Magenta (28%)
- Yellow (0%)
- Black (35%)



- Cyan (76%)
- Magenta (53%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282218662 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 4282218662 by changing the saturation by 10% instead.

 4282218662

 4282218662

4294967295

 4279984011

 4285967581


 4278208626

 4287809530

 4278202969

 4289651711

 4278197569

 4291559423

 4278190891

 4293525503

 4278190357

 4278190080

 4282218662

 4282218662

 4281102758

 4283334566

■ 4280052134

■ 4284385190

■ 4278936230

■ 4285501094

■ 4278214054

■ 4286551462

■ 4287667366

■ 4288783526

■ 4289833894

■ 4290949798

■ 4292000166

Harmonies

Analogous

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



4278222491



4282218662



4285231011

Triad

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



4282218662



4289027938



4283661650

Complementary

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



4282218662



4289096509

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.



4285626178



4282218662



4288505420

Square

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



4282218662



4288700284



4287262528



4281303146

Rectangle

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



4282218662



4286802330



4287262528



4284382283

Sweetspot

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



4282218662



4289775577



4282230379



4283720558



4293783021



4285427310

Same Dimension

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



4282218662



4281635289



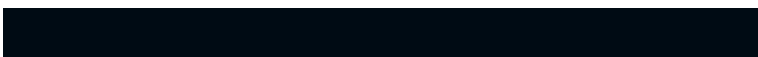
4282205350



4283191380



4278211476



4278192916

Inverse Universe

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



4289084792



4292424849



4289109821



4283714640



4287889491



4279500811

Previews

White Background



This preview shows how the Android color 4282218662 looks on a white background.

Color Contrast Check

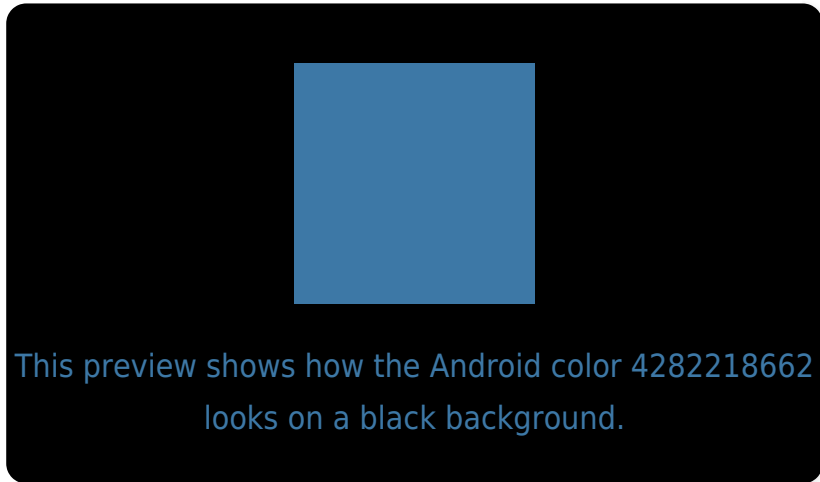
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

Android 4282218662 Background



This preview shows how black text looks on a background with the Android color 4282218662.

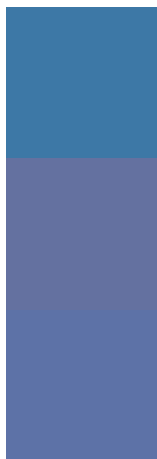


This preview shows how white text looks on a background with the Android color 4282218662.

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

4282218662

Protanopia

4284772768

Deuteranopia

4284314279

Trichromacy



Original Color
4282218662

Protanomaly
4283856034

Deuteranomaly
4283528359

Tritanomaly
4281564307

Monochromacy



Original Color
4282218662

Achromatopsia
4285295724

Achromatomaly
4284182657

CSS Examples

Text

The CSS property to change the color of the text to Android 4282218662 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(61, 120, 166)` looks like.

```
.text, #text, p{  
    color:rgb(61, 120, 166)  
}
```

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(61, 120, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 120, 166) }
```

Border

The CSS property to change the border of an element to Android 4282218662 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(61, 120, 166) }
```

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

```
.border{ border-color:rgb(61, 120, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 120, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 120, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 120, 166);  
box-shadow:4px 4px 4px 4px rgb(61, 120,  
166) }
```

Background

The CSS property to change the background color of an element to Android 4282218662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 120, 166) }
```

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

```
.background{ background-color: rgb(61, 120,  
166) }
```

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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