

Converting Colors

Android(4282214296)

Have a look what the booklet for
Android(4282214296) contains.

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Color

Android(4282214296)

Conversions

Conversions Part 1

Format	Color
Hex	3D6798
RGB	61, 103, 152
RGB Percent	24%, 40%, 60%
CMY	0.7608, 0.5961, 0.4039
CMYK	0.60, 0.32, 0.00, 0.40
HSL	212°, 43%, 42%
HSV	212°, 60%, 60%
XYZ	12.4422, 12.9596, 31.5514
YIQ	96.0280, -40.7610, 6.3350

Conversions

Conversions Part 2

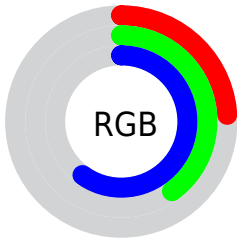
Format	Color
R _Y B	61, 90, 152
Decimal	4024216
CIE Lab	42.70, 0.85, -31.14
CIE LCh	43, 31.148, 271.563
Yxy	12.9596, 0.2185, 0.2275
Android (android.graphics.Color)	4282214296 (0xFF3D6798)
YUV	96.0280, 27.5942, -30.7196
Hunter-Lab	35.9994, -1.3054, -26.7647

Details

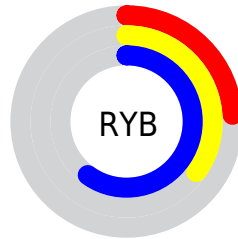
The Android color `4282214296` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4288179773`, and the grayscale version is `4284506208`.

A 20% lighter version of the original color is `4285831887`, and `4278204773` is the 20% darker color. If you saturate the color by 10%, you get `4281229208`, and if you desaturate by 10%, it is `4283199384`.

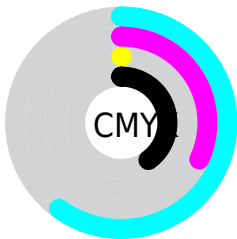
Distribution



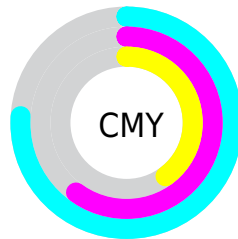
- Red (24%)
- Green (40%)
- Blue (60%)



- Red (24%)
- Yellow (35%)
- Blue (60%)



- Cyan (60%)
- Magenta (32%)
- Yellow (0%)
- Black (40%)



- Cyan (76%)
- Magenta (60%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282214296 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 4282214296 by changing the saturation by 10% instead.

 4282214296

 4282214296

4294967295

 4280242046

 4285831887

 4278204773

 4287608299

 4278199116

 4289450239

 4278193461

 4291357951

 4278190624


 4293263359

 4278190083

 4278190080

 4282214296

 4282214296

 4281229208

 4283199384

■ 4280244120

■ 4284184472

■ 4279193240

■ 4285235352

■ 4278208152

■ 4286220440

■ 4287205528

■ 4288190616

■ 4289175704

■ 4290226328

■ 4291211672

Harmonies

Analogous

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



4278218385



4282214296



4285095569

Triad

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



4282214296



4287910731



4281888843

Complementary

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



4282214296



4288179773

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.



4284050232



4282214296



4287126328

Square

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



4282214296



4287909988



4285752368



4278219365

Rectangle

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



4282214296



4286470021



4285752368



4282675012

Sweetspot

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



4282214296



4288786884



4282226798



4283324515



4293125091



4284703587

Same Dimension

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



4282214296



4281825476



4282400152



4282730573



4278206860



4278191629

Inverse Universe

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



4288167271



4291049336



4287993917



4283254088



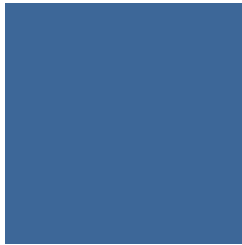
4287365185



4279042054

Previews

White Background



This preview shows how the Android color 4282214296 looks on a white background.

Color Contrast Check

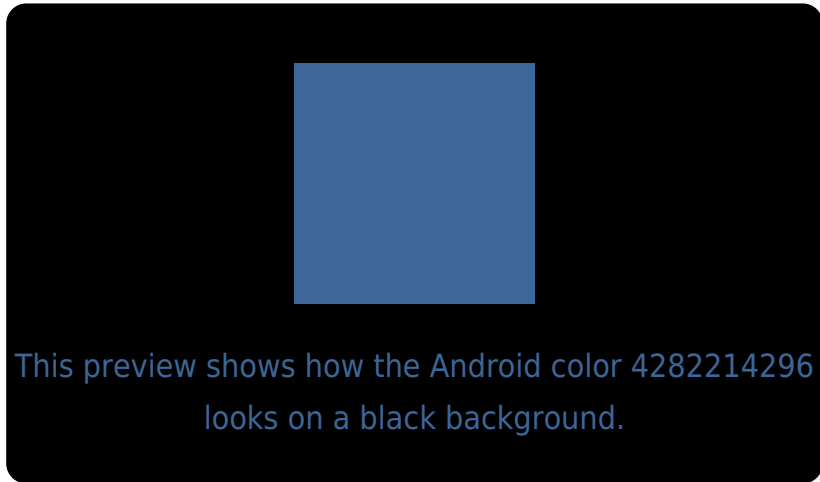
Large Text (above 18pt) WCAG AA ✓ Pass

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 4282214296 Background



This preview shows how black text looks on a background with the Android color 4282214296.

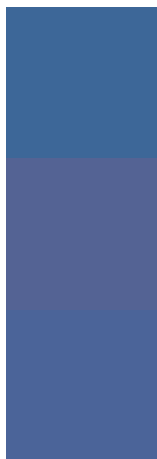


This preview shows how white text looks on a background with the Android color 4282214296.

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

4282214296

Protanopia

4283720596

Deuteranopia

4283131033

Trichromacy



Original Color

4282214296

Protanomaly

4283196565

Deuteranomaly

4282803609

Tritanomaly

4281559938

Monochromacy



Original Color

4282214296

Achromatopsia

4284506208

Achromatomaly

4283655028

CSS Examples

Text

The CSS property to change the color of the text to Android 4282214296 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, 103, 152)` looks like.

```
.text, #text, p{  
    color:rgb(61, 103, 152)  
}
```

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, 103, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 103, 152) }
```

Border

The CSS property to change the border of an element to Android 4282214296 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, 103, 152) }
```

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

```
.border{ border-color:rgb(61, 103, 152) }
```

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

Here you see how a box with a 4 pixel rgb(61, 103, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 103, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 103, 152);  
box-shadow:4px 4px 4px 4px rgb(61, 103,  
152) }
```

Background

The CSS property to change the background color of an element to Android 4282214296 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 103, 152) }
```

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

```
.background{ background-color: rgb(61, 103,  
152) }
```

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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