

Converting Colors

Android(4282563216)

Have a look what the booklet for
Android(4282563216) contains.

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Color

Android(4282563216)

Conversions

Conversions Part 1

Format	Color
Hex	42BA90
RGB	66, 186, 144
RGB Percent	26%, 73%, 56%
CMY	0.7412, 0.2706, 0.4353
CMYK	0.65, 0.00, 0.23, 0.27
HSL	159°, 48%, 49%
HSV	159°, 65%, 73%
XYZ	24.8397, 38.2897, 32.4670
YIQ	145.3320, -58.0380, -38.5020

Conversions

Conversions Part 2

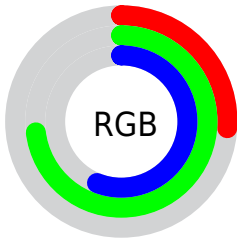
Format	Color
RYB	66, 139, 186
Decimal	4373136
CIELab	68.23, -43.40, 11.61
CIELCh	68, 44.930, 165.019
Yxy	38.2897, 0.2598, 0.4005
Android (android.graphics.Color)	4282563216 (0xFF42BA90)
YUV	145.3320, -0.6567, -69.5742
Hunter-Lab	61.8787, -36.6331, 12.2063

Details

The Android color `4282563216` is a dark color, and the websafe version is hex `66CC99`. A complement of this color would be `4290396780`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4286510022`, and `4278223966` is the 20% darker color. If you saturate the color by 10%, you get `4281318025`, and if you desaturate by 10%, it is `4283808407`.

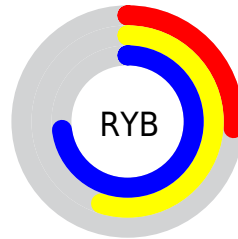
Distribution



Red (26%)

Green (73%)

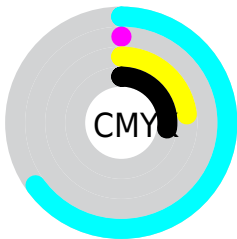
Blue (56%)



Red (26%)

Yellow (55%)

Blue (73%)

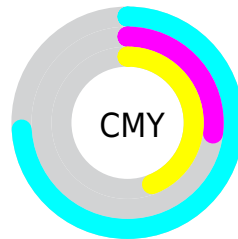


Cyan (65%)

Magenta (0%)

Yellow (23%)

Black (27%)



Cyan (74%)

Magenta (27%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282563216 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 4282563216 by changing the saturation by 10% instead.



4282563216



4282563216

4294967295



4280065910



4286510022



4278223966



4288479202



4278217286



4290379775



4278210863



4292280319



4278204698



4294246399



4278199040



4278190080



4282563216



4282563216



4281318025



4283808407

■ 4280138371

■ 4284988061

■ 4278893180

■ 4286233252

■ 4278237817

■ 4287412906

■ 4288658097

■ 4289903287

■ 4291082942

■ 4292328132

■ 4293507787

Harmonies

Analogous

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



4286493803



4282563216



4278238138

Triad

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



4282563216



4287276021



4293627759

Complementary

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



4282563216



4290396780

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.



4294215315



4282563216



4291073248

Square

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



4282563216



4281118964



4293429436



4291927383

Rectangle

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



4282563216



4278237908



4293429436



4293954426

Sweetspot

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



4282563216



4291097314



4285315650



4284381809



4294638330



4286216826

Same Dimension

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



4282563216



4281922225



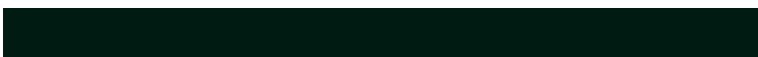
4282558650



4283653209



4278230117



4278197266

Inverse Universe

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



4290396780



4294064249



4290401346



4284240726



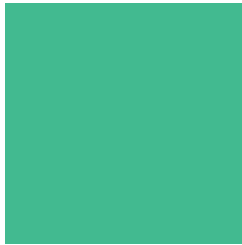
4288413750



4280025098

Previews

White Background



This preview shows how the Android color 4282563216 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 4282563216 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 4282563216 Background



This preview shows how black text looks on a background with the Android color 4282563216.

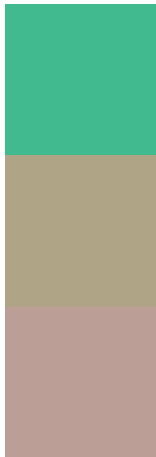


This preview shows how white text looks on a background with the Android color 4282563216.

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
4282563216

Protanopia
4289701254

Deuteranopia
4290486166

Trichromacy



Original Color

4282563216



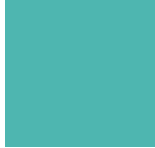
Protanomaly

4287081866



Deuteranomaly

4287605140



Tritanomaly

4283348656

Monochromacy



Original Color

4282563216



Achromatopsia

4287730065



Achromatomaly

4285833361

CSS Examples

Text

The CSS property to change the color of the text to Android 4282563216 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(66, 186, 144)` looks like.

```
.text, #text, p{  
    color:rgb(66, 186, 144)  
}
```

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(66, 186, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 186, 144) }
```

Border

The CSS property to change the border of an element to Android 4282563216 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(66, 186, 144) }
```

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

```
.border{ border-color:rgb(66, 186, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 186, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 186, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 186, 144);  
box-shadow:4px 4px 4px 4px rgb(66, 186,  
144) }
```

Background

The CSS property to change the background color of an element to Android 4282563216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 186, 144) }
```

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

```
.background{ background-color: rgb(66, 186,  
144) }
```

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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