

Converting Colors

Android(4283196560)

Have a look what the booklet for
Android(4283196560) contains.

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Color

Android(4283196560)

Conversions

Conversions Part 1

Format	Color
Hex	4C6490
RGB	76, 100, 144
RGB Percent	30%, 39%, 56%
CMY	0.7020, 0.6078, 0.4353
CMYK	0.47, 0.31, 0.00, 0.44
HSL	219°, 31%, 43%
HSV	219°, 47%, 56%
XYZ	12.5717, 12.6645, 28.1674
YIQ	97.8400, -28.4280, 8.5960

Conversions

Conversions Part 2

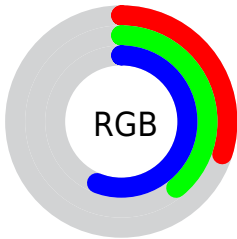
Format	Color
R_{YB}	76, 94, 144
Decimal	5006480
CIE _{Lab}	42.25, 3.66, -27.00
CIE _{LCh}	42, 27.247, 277.726
Yxy	12.6645, 0.2354, 0.2371
Android (android.graphics.Color)	4283196560 (0xFF4C6490)
YUV	97.8400, 22.7569, -19.1537
Hunter-Lab	35.5872, 0.7803, -22.0174

Details

The Android color `4283196560` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287658060`, and the grayscale version is `4284637794`.

A 20% lighter version of the original color is `4286617542`, and `4279711325` is the 20% darker color. If you saturate the color by 10%, you get `4282276752`, and if you desaturate by 10%, it is `4284116368`.

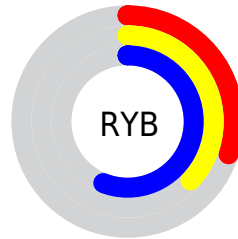
Distribution



Red (30%)

Green (39%)

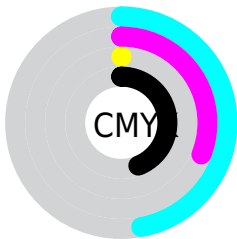
Blue (56%)



Red (30%)

Yellow (37%)

Blue (56%)

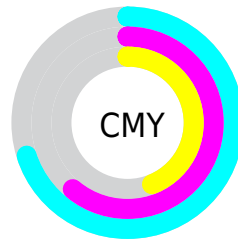


Cyan (47%)

Magenta (31%)

Yellow (0%)

Black (44%)



Cyan (70%)

Magenta (61%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283196560 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 4283196560 by changing the saturation by 10% instead.

■ 4283196560

■ 4283196560

4294967295

■ 4281486454

■ 4286617542

■ 4279711325

■ 4288393698

■ 4278198597

■ 4290235903

■ 4278192431

■ 4292078079

■ 4278190362

■ 4293984255

■ 4278190080

■ 4283196560

■ 4283196560

■ 4282276752

■ 4284116368

■ 4281291152

■ 4285101968

■ 4280371344

■ 4286021776

■ 4279386000

■ 4287007120

■ 4278465936

■ 4287927184

■ 4278203280

■ 4288846992

■ 4289832336

■ 4290752400

■ 4291737744

Harmonies

Analogous

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



4280314765



4283196560



4285422727

Triad

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



4283196560



4287452489



4281888338

Complementary

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



4283196560



4287658060

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.



4283722303



4283196560



4286602554

Square

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



4283196560



4287582815



4285359159



4279398505

Rectangle

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



4283196560



4286470012



4285359159



4282543435

Sweetspot

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



4283196560



4288719290



4283207799



4283323486



4292796126



4284374622

Same Dimension

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



4283196560



4283463098



4283780240



4282401607



4278202503



4278190856

Inverse Universe

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



4287646820



4290400373



4287074380



4282859587



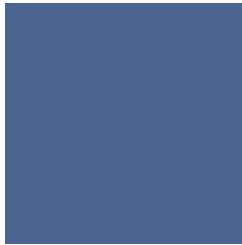
4287037488



4278714371

Previews

White Background



This preview shows how the Android color 4283196560 looks on a white background.

Color Contrast Check

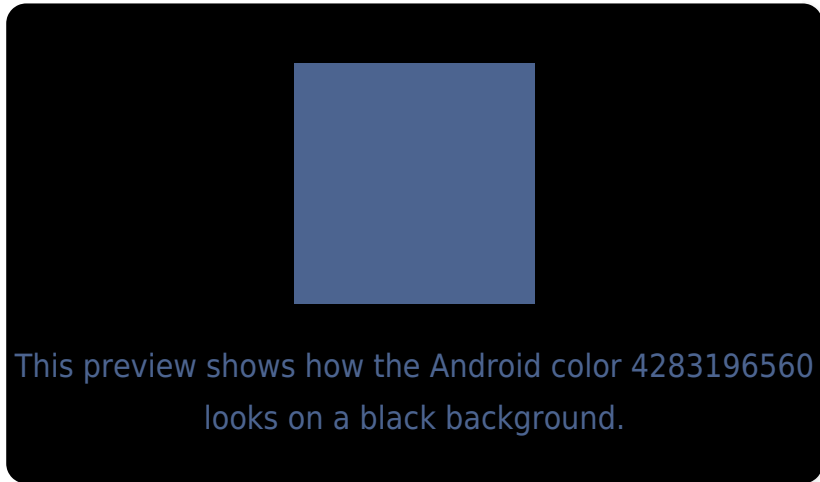
Large Text (above 18pt) WCAG AA ✓ Pass

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

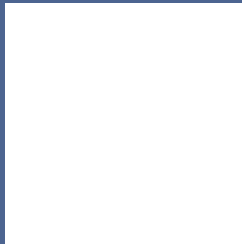
Any Text WCAG AAA × Fail

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

Android 4283196560 Background



This preview shows how black text looks on a background with the Android color 4283196560.



This preview shows how white text looks on a background with the Android color 4283196560.

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

4283196560

Protanopia

4283785870

Deuteranopia

4283523984

Trichromacy



Original Color

4283196560

Protanomaly

4283589519

Deuteranomaly

4283392912

Tritanomaly

4282804349

Monochromacy



Original Color

4283196560

Achromatopsia

4284637794

Achromatomaly

4284113779

CSS Examples

Text

The CSS property to change the color of the text to Android 4283196560 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, 100, 144)` looks like.

```
.text, #text, p{  
    color:rgb(76, 100, 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(76, 100, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(76, 100, 144) }
```

Border

The CSS property to change the border of an element to Android 4283196560 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, 100, 144) }
```

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

```
.border{ border-color:rgb(76, 100, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(76, 100, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(76, 100, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(76, 100, 144);  
box-shadow:4px 4px 4px 4px rgb(76, 100,  
144) }
```

Background

The CSS property to change the background color of an element to Android 4283196560 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(76, 100, 144) }
```

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

```
.background{ background-color: rgb(76, 100,  
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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