

Converting Colors

Android(4281559440)

Have a look what the booklet for
Android(4281559440) contains.

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Color

Android(4281559440)

Conversions

Conversions Part 1

Format	Color
Hex	336990
RGB	51, 105, 144
RGB Percent	20%, 41%, 56%
CMY	0.8000, 0.5882, 0.4353
CMYK	0.65, 0.27, 0.00, 0.44
HSL	205°, 48%, 38%
HSV	205°, 65%, 56%
XYZ	11.4509, 12.8206, 28.2567
YIQ	93.3000, -44.7030, 0.6810

Conversions

Conversions Part 2

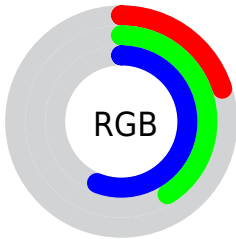
Format	Color
RYB	51, 85, 144
Decimal	3369360
CIELab	42.49, -5.17, -26.72
CIELCh	42, 27.219, 259.045
Yxy	12.8206, 0.2180, 0.2441
Android (android.graphics.Color)	4281559440 (0xFF336990)
YUV	93.3000, 24.9951, -37.0971
Hunter-Lab	35.8058, -5.5751, -21.7254

Details

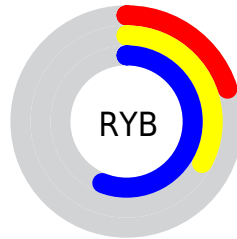
The Android color `4281559440` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287650355`, and the grayscale version is `4284308829`.

A 20% lighter version of the original color is `4285242566`, and `4278205021` is the 20% darker color. If you saturate the color by 10%, you get `4280640400`, and if you desaturate by 10%, it is `4282478480`.

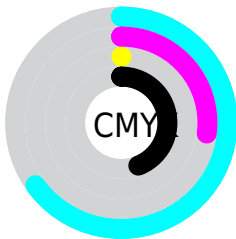
Distribution



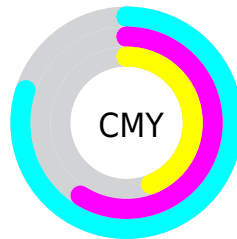
- Red (20%)
- Green (41%)
- Blue (56%)



- Red (20%)
- Yellow (33%)
- Blue (56%)



- Cyan (65%)
- Magenta (27%)
- Yellow (0%)
- Black (44%)



- Cyan (80%)
- Magenta (59%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281559440 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 4281559440 by changing the saturation by 10% instead.



4281559440



4281559440

4294967295



4279259510



4285242566



4278205021



4287018978



4278199622



4288860927



4278194223



4290703359



4278190362



4292607999



4278190080



4294508543



4281559440



4281559440



4280640400



4282478480

■ 4279655824

■ 4283463056

■ 4278736784

■ 4284382096

■ 4278211728

■ 4285366672

■ 4286285712

■ 4287204752

■ 4288189328

■ 4289108368

■ 4290092944

Harmonies

Analogous

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



4278218374



4281559440



4284113551

Triad

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



4281559440



4287648599



4283133254

Complementary

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



4281559440



4287650355

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.



4284770105



4281559440



4287256643

Square

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



4281559440



4287320942



4286210104



4281102427

Rectangle

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



4281559440



4285553799



4286210104



4283722561

Sweetspot

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



4281559440



4288129978



4281569370



4282996062



4292796126



4284374622

Same Dimension

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



4281559440



4280909242



4281547664



4282401863



4278210183



4278191112

Inverse Universe

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



4287640425



4290390397



4287662131



4282859588



4287037518



4278714372

Previews

White Background



This preview shows how the Android color 4281559440 looks on a white background.

Color Contrast Check

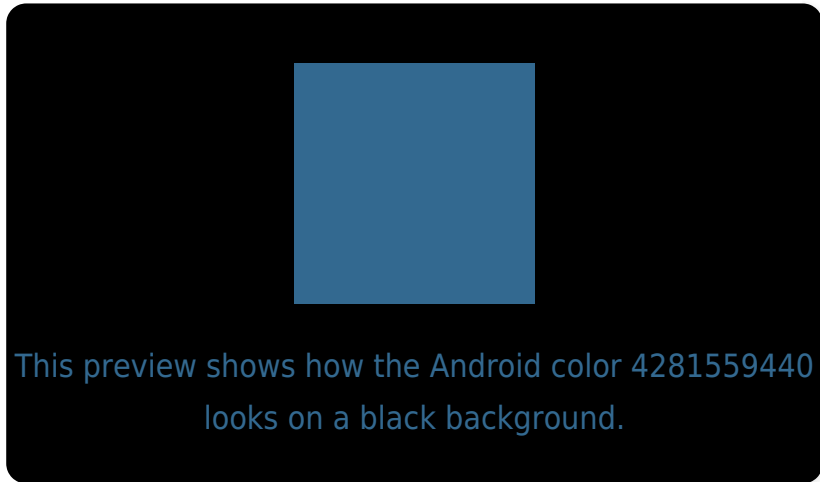
Large Text (above 18pt) WCAG AA ✓ Pass

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

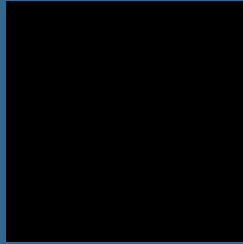
Any Text WCAG AA × Fail

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 4281559440 Background



This preview shows how black text looks on a background with the Android color 4281559440.

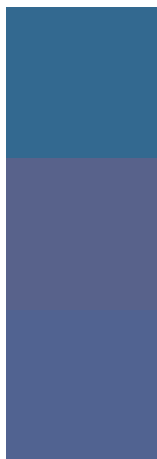


This preview shows how white text looks on a background with the Android color 4281559440.

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

4281559440

Protanopia

4283982475

Deuteranopia

4283523985

Trichromacy



Original Color

4281559440

Protanomaly

4283131277

Deuteranomaly

4282803601

Tritanomaly

4280970368

Monochromacy



Original Color

4281559440

Achromatopsia

4284308829

Achromatomaly

4283326832

CSS Examples

Text

The CSS property to change the color of the text to Android 4281559440 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(51, 105, 144)` looks like.

```
.text, #text, p{  
    color:rgb(51, 105, 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(51, 105, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 105, 144) }
```

Border

The CSS property to change the border of an element to Android 4281559440 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(51, 105, 144) }
```

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

```
.border{ border-color:rgb(51, 105, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 105, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(51, 105, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(51, 105, 144); box-shadow:4px 4px 4px 4px rgb(51, 105, 144) }
```

Background

The CSS property to change the background color of an element to Android 4281559440 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 105, 144) }
```

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

```
.background{ background-color: rgb(51, 105,  
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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