

Converting Colors

Android(4282737799)

Have a look what the booklet for
Android(4282737799) contains.

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Color

Android(4282737799)

Conversions

Conversions Part 1

Format	Color
Hex	456487
RGB	69, 100, 135
RGB Percent	27%, 39%, 53%
CMY	0.7294, 0.6078, 0.4706
CMYK	0.49, 0.26, 0.00, 0.47
HSL	212°, 32%, 40%
HSV	212°, 49%, 53%
XYZ	11.3846, 12.1288, 24.6627
YIQ	94.7210, -29.7110, 4.3130

Conversions

Conversions Part 2

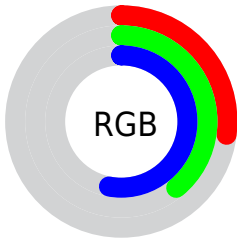
Format	Color
R_{YB}	69, 90, 135
Decimal	4547719
CIE _{Lab}	41.42, -1.03, -22.91
CIE _{LCh}	41, 22.938, 267.423
Yxy	12.1288, 0.2363, 0.2518
Android (android.graphics.Color)	4282737799 (0xFF456487)
YUV	94.7210, 19.8575, -22.5573
Hunter-Lab	34.8265, -2.5956, -17.6083

Details

The Android color `4282737799` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4287064133`, and the grayscale version is `4284440415`.

A 20% lighter version of the original color is `4286158780`, and `4279121493` is the 20% darker color. If you saturate the color by 10%, you get `4281884039`, and if you desaturate by 10%, it is `4283591559`.

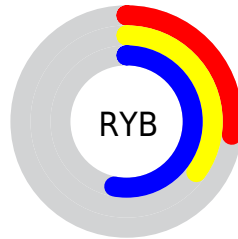
Distribution



Red (27%)

Green (39%)

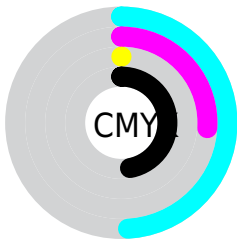
Blue (53%)



Red (27%)

Yellow (35%)

Blue (53%)

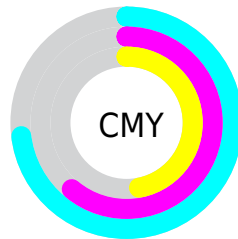


Cyan (49%)

Magenta (26%)

Yellow (0%)

Black (47%)



Cyan (73%)

Magenta (61%)

Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282737799 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 4282737799 by changing the saturation by 10% instead.

■ 4282737799

■ 4282737799

4294967295

■ 4281027694

■ 4286158780

■ 4279121493

■ 4287934936

■ 4278198590

■ 4289711605

■ 4278192424

■ 4291553791

■ 4278190354

■ 4293459967

■ 4278190080

■ 4282737799

■ 4282737799

■ 4281884039

■ 4283591559

■ 4280964743

■ 4284510855

■ 4280110983

■ 4285430151

■ 4279191431

■ 4286284167

■ 4278337671

■ 4287203463

■ 4278206343

■ 4288057223

■ 4288910983

■ 4289830279

■ 4290684039

Harmonies

Analogous

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



4280838529



4282737799



4284636547

Triad

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



4282737799



4286993745



4282804813

Complementary

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



4282737799



4287064133

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.



4284311104



4282737799



4286536259

Square

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



4282737799



4286927716



4285554748



4281298015

Rectangle

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



4282737799



4285684091



4285554748



4283328840

Sweetspot

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



4282737799



4288062128



4282746727



4282995033



4292467161



4284045657

Same Dimension

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



4282737799



4282939824



4282795399



4282138434



4278205826



4278190339

Inverse Universe

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



4287055204



4289742969



4287006533



4282530879



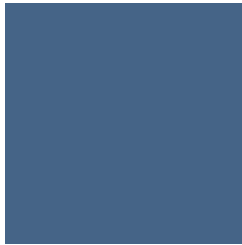
4286709821



4278386689

Previews

White Background



This preview shows how the Android color 4282737799 looks on a white background.

Color Contrast Check

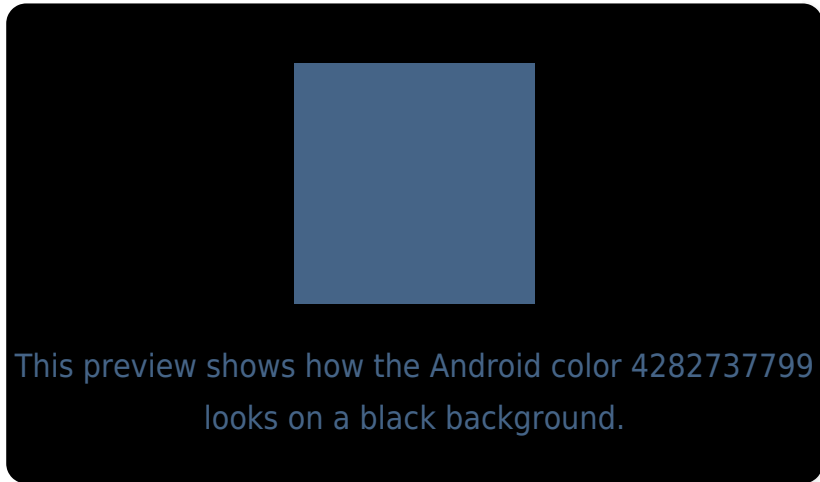
Large Text (above 18pt) WCAG AA ✓ Pass

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

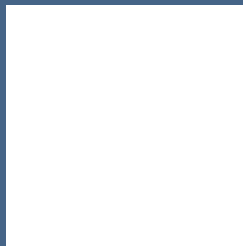
Any Text WCAG AAA × Fail

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

Android 4282737799 Background



This preview shows how black text looks on a background with the Android color 4282737799.

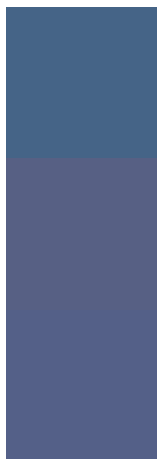


This preview shows how white text looks on a background with the Android color 4282737799.

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

4282737799

Protanopia

4283916420

Deuteranopia

4283719816

Trichromacy



Original Color

4282737799

Protanomaly

4283457925

Deuteranomaly

4283392392

Tritanomaly

4282476409

Monochromacy



Original Color

4282737799

Achromatopsia

4284440415

Achromatomaly

4283851118

CSS Examples

Text

The CSS property to change the color of the text to Android 4282737799 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(69, 100, 135)` looks like.

```
.text, #text, p{  
    color:rgb(69, 100, 135)  
}
```

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(69, 100, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 100, 135) }
```

Border

The CSS property to change the border of an element to Android 4282737799 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(69, 100, 135) }
```

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

```
.border{ border-color:rgb(69, 100, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 100, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 100, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 100, 135);  
box-shadow:4px 4px 4px 4px rgb(69, 100,  
135) }
```

Background

The CSS property to change the background color of an element to Android 4282737799 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 100, 135) }
```

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

```
.background{ background-color: rgb(69, 100,  
135) }
```

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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