

Converting Colors

Android(4282795752)

Have a look what the booklet for
Android(4282795752) contains.

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Color

Android(4282795752)

Conversions

Conversions Part 1

Format	Color
Hex	4646E8
RGB	70, 70, 232
RGB Percent	27%, 27%, 91%
CMY	0.7255, 0.7255, 0.0902
CMYK	0.70, 0.70, 0.00, 0.09
HSL	240°, 78%, 59%
HSV	240°, 70%, 91%
XYZ	19.2814, 11.5086, 77.5491
YIQ	88.4680, -52.0020, 50.3820

Conversions

Conversions Part 2

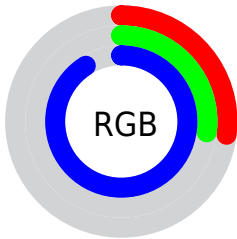
Format	Color
R_{YB}	70, 70, 232
Decimal	4605672
CIE _{Lab}	40.42, 50.58, -81.33
CIE _{LCh}	40, 95.773, 301.880
Yxy	11.5086, 0.1780, 0.1062
Android (android.graphics.Color)	4282795752 (0xFF4646E8)
YUV	88.4680, 70.7613, -16.1964
Hunter-Lab	33.9243, 42.0857, -111.7865

Details

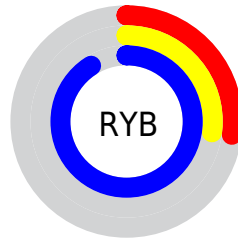
The Android color `4282795752` is a dark color, and the websafe version is hex `3333CC`. The color can be described as dark muted blue. A complement of this color would be `4293453894`, and the grayscale version is `4283979864`.

A 20% lighter version of the original color is `4287265023`, and `4278196399` is the 20% darker color. If you saturate the color by 10%, you get `4281282536`, and if you desaturate by 10%, it is `4284308968`.

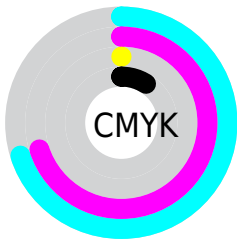
Distribution



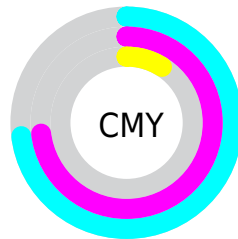
- Red (27%)
- Green (27%)
- Blue (91%)



- Red (27%)
- Yellow (27%)
- Blue (91%)



- Cyan (70%)
- Magenta (70%)
- Yellow (0%)
- Black (9%)



- Cyan (73%)
- Magenta (73%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282795752 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 4282795752 by changing the saturation by 10% instead.

 4282795752

 4282795752

4294967295

 4279119819

 4287265023

 4278196399

 4289368831

 4278190995

 4291407359

 4278190201

 4293445887

 4278191967

 4294960639

 4278192198

 4278191151

 4278190361

 4278190080

■ 4282795752

■ 4282795752

■ 4281282536

■ 4284308968

■ 4279769320

■ 4285822184

■ 4278190312

■ 4287401192

■ 4288914408

■ 4290427624

■ 4291940840

■ 4293454056

■ 4294967272

Harmonies

Analogous

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



4278217727



4282795752



4290445483

Triad

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



4282795752



4289476608



4278221667

Complementary

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



4282795752



4293453894

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.



4278220800



4282795752



4285619968

Square

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



4282795752



4292083729



4278218752



4278222002

Rectangle

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



4282795752



4292280440



4278218752



4278221383

Sweetspot

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



4282795752



4291414527



4282837224



4284506240



4278190080



4286611584

Same Dimension

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



4282795752



4280887807



4288104168



4284966771



4278190259



4278190131

Inverse Universe

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



4293412584



4294912511



4288145478



4285753203



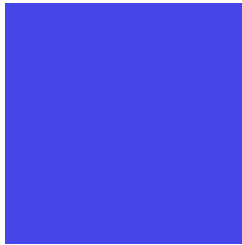
4289921203



4281532467

Previews

White Background



This preview shows how the Android color 4282795752 looks on a white background.

Color Contrast Check

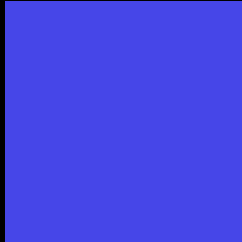
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4282795752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

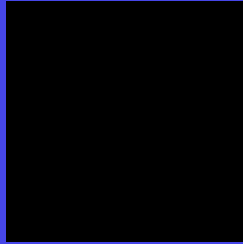
Any Text WCAG AA × Fail

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 4282795752 Background



This preview shows how black text looks on a background with the Android color 4282795752.



This preview shows how white text looks on a background with the Android color 4282795752.

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

4282795752

Protanopia

4278213568

Deuteranopia

4278215076

Trichromacy



Original Color
4282795752

Protanomaly
4279849935

Deuteranomaly
4279850941

Tritanomaly
4279852188

Monochromacy



Original Color
4282795752

Achromatopsia
4283979864

Achromatomaly
4283519372

CSS Examples

Text

The CSS property to change the color of the text to Android 4282795752 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(70, 70, 232)` looks like.

```
.text, #text, p{  
    color:rgb(70, 70, 232)  
}
```

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(70, 70, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(70, 70, 232) }
```

Border

The CSS property to change the border of an element to Android 4282795752 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(70, 70, 232) }
```

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

```
.border{ border-color:rgb(70, 70, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(70, 70, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(70, 70, 232); -webkit-box-shadow:4px 4px 4px 4px rgb(70, 70, 232); box-shadow:4px 4px 4px 4px rgb(70, 70, 232) }
```

Background

The CSS property to change the background color of an element to Android 4282795752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(70, 70, 232) }
```

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

```
.background{ background-color: rgb(70, 70,  
232) }
```

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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