

Converting Colors

Android(4284836513)

Have a look what the booklet for
Android(4284836513) contains.

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Color

Android(4284836513)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 656AA1 |
| RGB | 101, 106, 161 |
| RGB Percent | 40%, 42%, 63% |
| CMY | 0.6039, 0.5843, 0.3686 |
| CMYK | 0.37, 0.34, 0.00, 0.37 |
| HSL | 235°, 24%, 51% |
| HSV | 235°, 37%, 63% |
| XYZ | 16.9539, 15.6480, 35.8450 |
| YIQ | 110.7750, -20.6350, 16.0450 |

Conversions

Conversions Part 2

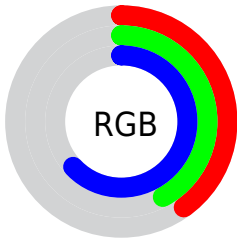
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 101, 106, 161 |
| Decimal | 6646433 |
| CIE _{Lab} | 46.51, 12.02, -30.32 |
| CIE _{LCh} | 47, 32.619, 291.626 |
| Yxy | 15.6480, 0.2477, 0.2286 |
| Android (android.graphics.Color) | 4284836513 (0xFF656AA1) |
| YUV | 110.7750, 24.7609, -8.5727 |
| Hunter-Lab | 39.5575, 7.2773, -26.0353 |

Details

The Android color `4284836513` is a dark color, and the websafe version is hex `666699`. A complement of this color would be `4288781413`, and the grayscale version is `4285493103`.

A 20% lighter version of the original color is `4288323032`, and `4281482093` is the 20% darker color. If you saturate the color by 10%, you get `4283784097`, and if you desaturate by 10%, it is `4285888929`.

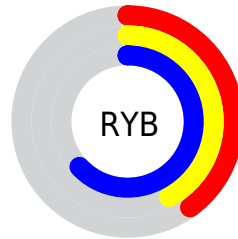
Distribution



Red (40%)

Green (42%)

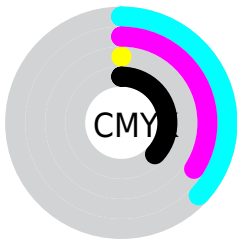
Blue (63%)



Red (40%)

Yellow (42%)

Blue (63%)

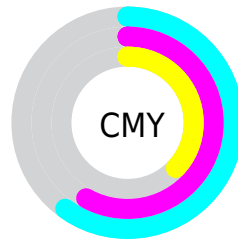


Cyan (37%)

Magenta (34%)

Yellow (0%)

Black (37%)



Cyan (60%)

Magenta (58%)

Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284836513 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 4284836513 by changing the saturation by 10% instead.

■ 4284836513

■ 4284836513

4294967295

■ 4283126407

■ 4288323032

■ 4281482093

■ 4290099445

■ 4279772756

■ 4291941631

■ 4278194749

■ 4293849343

■ 4278190887

■ 4278190352

■ 4278190080

■ 4284836513

■ 4284836513

■ 4283784097

■ 4285888929

■ 4282731681

■ 4286941345

■ 4281679521

■ 4287993505

■ 4280627105

■ 4289045921

■ 4279509153

■ 4290098337

■ 4278456737

■ 4291216289

■ 4278193569

■ 4292268449

■ 4293320865

■ 4294373281

Harmonies

Analogous

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



4281365412



4284836513



4287193232

Triad

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



4284836513



4288241732



4280253541

Complementary

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



4284836513



4288781413

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.



4283136331



4284836513



4286999095

Square

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



4284836513



4288829787



4285231930



4278221953

Rectangle

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



4284836513



4288174720



4285231930



4281432924

Sweetspot

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



4284836513



4290428113



4284850588



4284177513



4293454056



4285098345

Same Dimension

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



4284836513



4285758417



4286473633



4282993234



4278193297



4278190354

Inverse Universe

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



4288767338



4291916667



4287144293



4283582794



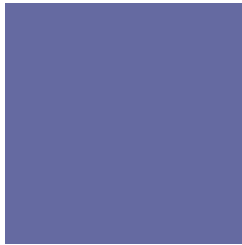
4287692812



4279369729

Previews

White Background



This preview shows how the Android color 4284836513 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 4284836513 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 4284836513 Background



This preview shows how black text looks on a background with the Android color 4284836513.

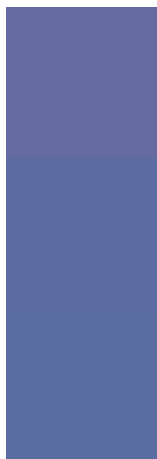


This preview shows how white text looks on a background with the Android color 4284836513.

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

4284836513

Protanopia

4284247203

Deuteranopia

4284050848

Trichromacy



Original Color
4284836513

Protanomaly
4284443554

Deuteranomaly
4284312736

Tritanomaly
4284444553

Monochromacy



Original Color
4284836513

Achromatopsia
4285493103

Achromatomaly
4285230465

CSS Examples

Text

The CSS property to change the color of the text to Android 4284836513 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(101, 106, 161)` looks like.

```
.text, #text, p{  
    color:rgb(101, 106, 161)  
}
```

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(101, 106, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(101, 106, 161) }
```

Border

The CSS property to change the border of an element to Android 4284836513 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(101, 106, 161) }
```

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

```
.border{ border-color:rgb(101, 106, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(101, 106, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(101, 106, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(101, 106, 161);  
box-shadow:4px 4px 4px 4px rgb(101, 106,  
161) }
```

Background

The CSS property to change the background color of an element to Android 4284836513 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(101, 106, 161) }
```

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

```
.background{ background-color: rgb(101,  
106, 161) }
```

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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