

Converting Colors

Android(4284891353)

Have a look what the booklet for
Android(4284891353) contains.

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Color

Android(4284891353)

Conversions

Conversions Part 1

Format	Color
Hex	6640D9
RGB	102, 64, 217
RGB Percent	40%, 25%, 85%
CMY	0.6000, 0.7490, 0.1490
CMYK	0.53, 0.71, 0.00, 0.15
HSL	255°, 67%, 55%
HSV	255°, 71%, 85%
XYZ	19.8373, 11.5013, 66.8201
YIQ	92.8040, -26.4650, 55.6390

Conversions

Conversions Part 2

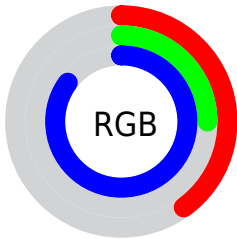
Format	Color
R_{YB}	102, 64, 217
Decimal	6701273
CIE _{Lab}	40.41, 53.43, -72.70
CIE _{LCh}	40, 90.220, 306.315
Yxy	11.5013, 0.2021, 0.1172
Android (android.graphics.Color)	4284891353 (0xFF6640D9)
YUV	92.8040, 61.2286, 8.0649
Hunter-Lab	33.9136, 45.0622, -93.0797

Details

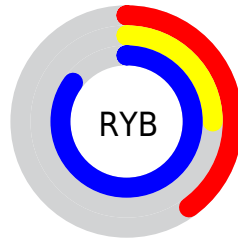
The Android color `4284891353` is a dark color, and the websafe version is hex `6633CC`. The color can be described as dark muted purple. A complement of this color would be `4289976640`, and the grayscale version is `4284243036`.

A 20% lighter version of the original color is `4288836607`, and `4280159137` is the 20% darker color. If you saturate the color by 10%, you get `4283837145`, and if you desaturate by 10%, it is `4285945561`.

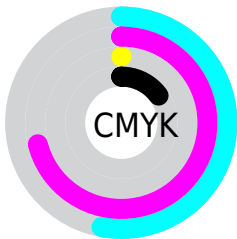
Distribution



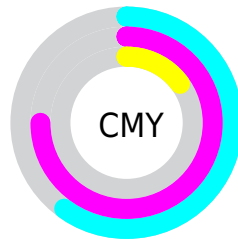
- Red (40%)
- Green (25%)
- Blue (85%)



- Red (40%)
- Yellow (25%)
- Blue (85%)



- Cyan (53%)
- Magenta (71%)
- Yellow (0%)
- Black (15%)



- Cyan (60%)
- Magenta (75%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284891353 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 4284891353 by changing the saturation by 10% instead.

 4284891353

 4284891353

4294967295

 4282787773

 4288836607

 4280159137

 4290809343

 4278190214

 4292782335

 4278190188

 4294821119

 4278190674

 4294959615

 4278191418

4294967039

 4278190627

 4278190091

 4278190080

■ 4284891353

■ 4284891353

■ 4283837145

■ 4285945561

■ 4282717657

■ 4287065049

■ 4281729241

■ 4288119257

■ 4289173465

■ 4290293209

■ 4291347161

■ 4292401369

■ 4293455577

■ 4294574041

Harmonies

Analogous

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



4278216438



4284891353



4290642076

Triad

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



4284891353



4288823808



4278221422

Complementary

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



4284891353



4289976640

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.



4278220827



4284891353



4284965376

Square

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



4284891353



4291493895



4278219008



4278221751

Rectangle

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



4284891353



4292083820



4278219008



4278221396

Sweetspot

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



4284891353



4292332031



4282430937



4285030528



4278190080



4286611584

Same Dimension

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



4284891353



4284229375



4289741017



4284834670



4281008301



4278911022

Inverse Universe

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



4292427955



4294911689



4285126976



4285424491



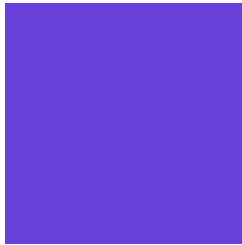
4289527938



4281204771

Previews

White Background



This preview shows how the Android color 4284891353 looks on a white background.

Color Contrast Check

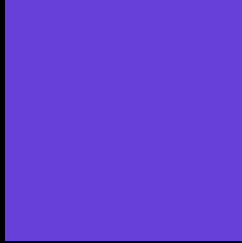
Large Text (above 18pt) WCAG AA ✓ Pass

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 4284891353 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 4284891353 Background



This preview shows how black text looks on a background with the Android color 4284891353.

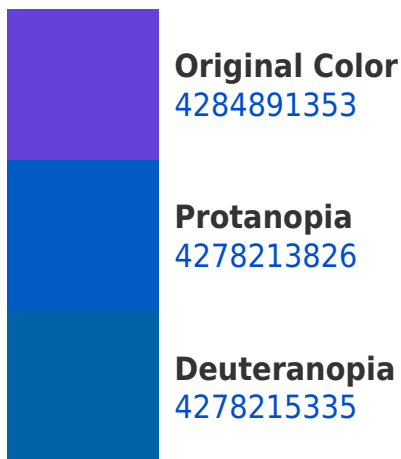


This preview shows how white text looks on a background with the Android color 4284891353.

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



Trichromacy



Original Color

4284891353



Protanomaly

4280636106



Deuteranomaly

4280637113



Tritanomaly

4283455380

Monochromacy



Original Color

4284891353



Achromatopsia

4284308829



Achromatomaly

4284502666

CSS Examples

Text

The CSS property to change the color of the text to Android 4284891353 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(102, 64, 217)` looks like.

```
.text, #text, p{  
    color:rgb(102, 64, 217)  
}
```

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(102, 64, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 64, 217) }
```

Border

The CSS property to change the border of an element to Android 4284891353 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(102, 64, 217) }
```

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

```
.border{ border-color:rgb(102, 64, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 64, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 64, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 64, 217);  
box-shadow:4px 4px 4px 4px rgb(102, 64,  
217) }
```

Background

The CSS property to change the background color of an element to Android 4284891353 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 64, 217) }
```

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

```
.background{ background-color: rgb(102, 64,  
217) }
```

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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