

Converting Colors

Android(4283891962)

Have a look what the booklet for
Android(4283891962) contains.

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Color

Android(4283891962)

Conversions

Conversions Part 1

Format	Color
Hex	5700FA
RGB	87, 0, 250
RGB Percent	34%, 0%, 98%
CMY	0.6588, 1.0000, 0.0196
CMYK	0.65, 1.00, 0.00, 0.02
HSL	261°, 100%, 49%
HSV	261°, 100%, 98%
XYZ	21.1858, 8.9284, 91.0492
YIQ	54.5130, -28.3980, 96.1940

Conversions

Conversions Part 2

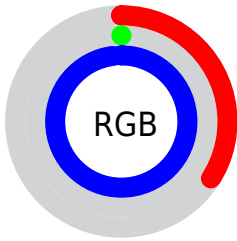
Format	Color
RYB	87, 0, 250
Decimal	5701882
CIELab	35.85, 79.69, -99.03
CIELCh	36, 127.113, 308.821
Yxy	8.9284, 0.1749, 0.0737
Android (android.graphics.Color)	4283891962 (0xFF5700FA)
YUV	54.5130, 96.3751, 28.4911
Hunter-Lab	29.8804, 74.2695, -159.7478

Details

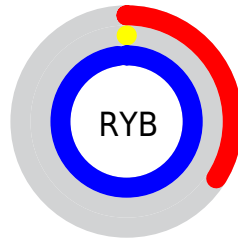
The Android color `4283891962` is a dark color, and the websafe version is hex `6600FF`. The color can be described as dark saturated blue. A complement of this color would be `4288936448`, and the grayscale version is `4281742902`.

A 20% lighter version of the original color is `4288499199`, and `4278190272` is the 20% darker color. If you saturate the color by 10%, you get `4283891962`, and if you desaturate by 10%, it is `4284946938`.

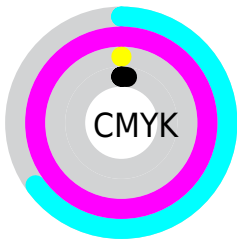
Distribution



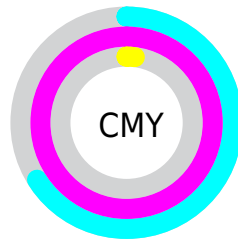
- Red (34%)
- Green (0%)
- Blue (98%)



- Red (34%)
- Yellow (0%)
- Blue (98%)



- Cyan (65%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)





















- Cyan (66%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Android color 4283891962 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 4283891962 by changing the saturation by 10% instead.

 4283891962	 4283891962
4294967295	 4280811741
 4288499199	 4278190272
 4290669055	 4278190243
 4292773375	 4278190216
 4294877695	 4278191469
 4294950655	 4278192980
 4294958079	 4278191676
 4294965759	 4278190629
	 4278190349

 4283891962

 4284946938

 4286067450

 4287122426

 4288177402

 4289232378

 4290352890

 4291407866

 4292462842

 4293583354

Harmonies

Analogous

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



4278214911



4283891962



4292280481

Triad

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



4283891962



4288621056



4278219378

Complementary

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



4283891962



4288936448

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.



4278218496



4283891962



4283194112

Square

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



4283891962



4292345856



4278217472



4278220503

Rectangle

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



4283891962



4293918814



4278217472



4278219086

Sweetspot

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



4283891962



4291671039



4278233082



4284633728



4278190080



4286611584

Same Dimension

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



4283891962



4284023039



4291821818



4285886589



4282515645



4279566397

Inverse Universe

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



4294574243



4294901926



4281006592



4286410873



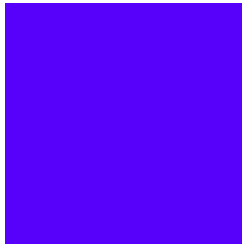
4290576507



4282187816

Previews

White Background



This preview shows how the Android color 4283891962 looks on a white background.

Color Contrast Check

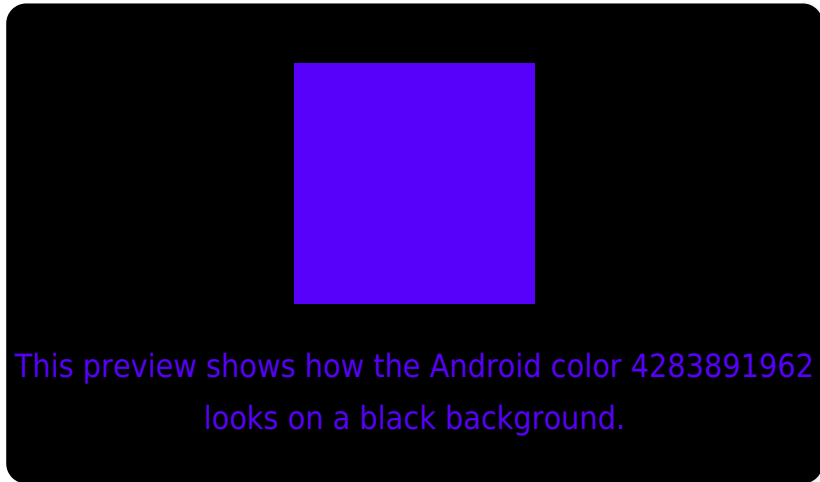
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 4283891962 Background



This preview shows how black text looks on a background with the Android color 4283891962.



This preview shows how white text looks on a background with the Android color 4283891962.

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
4283891962

Protanopia
4278211245

Deuteranopia
4278212755

Trichromacy



Original Color
4283891962

Protanomaly
4280300745

Deuteranomaly
4280301752

Tritanomaly
4280302747

Monochromacy



Original Color
4283891962

Achromatopsia
4281808695

Achromatomaly
4282590078

CSS Examples

Text

The CSS property to change the color of the text to Android 4283891962 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(87, 0, 250)` looks like.

```
.text, #text, p{  
    color:rgb(87, 0, 250)  
}
```

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(87, 0, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 0, 250) }
```

Border

The CSS property to change the border of an element to Android 4283891962 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(87, 0, 250) }
```

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

```
.border{ border-color:rgb(87, 0, 250) }
```

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

Here you see how a box with a 4 pixel rgb(87, 0, 250) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 0, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 0, 250);  
box-shadow:4px 4px 4px 4px rgb(87, 0, 250)  
}
```

Background

The CSS property to change the background color of an element to Android 4283891962 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 0, 250) }
```

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

```
.background{ background-color: rgb(87, 0,  
250) }
```

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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