

Converting Colors

Android(4281950892)

Have a look what the booklet for
Android(4281950892) contains.

Android(4281950892)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4281950892)

Conversions

Conversions Part 1

Format	Color
Hex	3962AC
RGB	57, 98, 172
RGB Percent	22%, 38%, 67%
CMY	0.7765, 0.6157, 0.3255
CMYK	0.67, 0.43, 0.00, 0.33
HSL	219°, 50%, 45%
HSV	219°, 67%, 67%
XYZ	13.5014, 12.5838, 40.7470
YIQ	94.1770, -48.1900, 14.3220

Conversions

Conversions Part 2

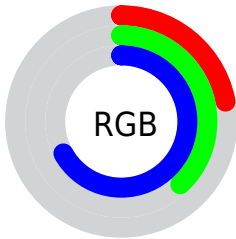
Format	Color
RYB	57, 87, 172
Decimal	3760812
CIELab	42.13, 10.33, -43.90
CIElCh	42, 45.102, 283.238
Yxy	12.5838, 0.2020, 0.1883
Android (android.graphics.Color)	4281950892 (0xFF3962AC)
YUV	94.1770, 38.3667, -32.6042
Hunter-Lab	35.4736, 5.8591, -43.2724

Details

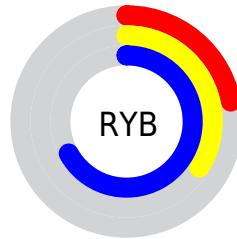
The Android color `4281950892` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4289495865`, and the grayscale version is `4284374622`.

A 20% lighter version of the original color is `4285830372`, and `4278203511` is the 20% darker color. If you saturate the color by 10%, you get `4280833964`, and if you desaturate by 10%, it is `4283067820`.

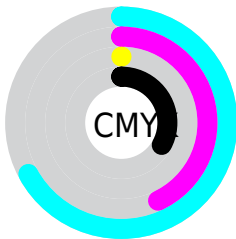
Distribution



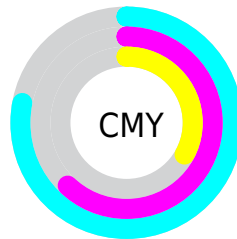
- Red (22%)
- Green (38%)
- Blue (67%)



- Red (22%)
- Yellow (34%)
- Blue (67%)



- Cyan (67%)
- Magenta (43%)
- Yellow (0%)
- Black (33%)




- Cyan (78%)
- Magenta (62%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Android color 4281950892 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 4281950892 by changing the saturation by 10% instead.

 4281950892

 4281950892

4294967295

 4279389073

 4285830372

 4278203511

 4287672319

 4278198366

 4289579775

 4278191942


 4291487487

 4278191151

 4293394431

 4278190361

 4278190080

 4281950892

 4281950892

 4280833964

 4283067820

■ 4279717036

■ 4284184748

■ 4278534572

■ 4285367212

■ 4278205868

■ 4286484140

■ 4287601068

■ 4288717996

■ 4289834924

■ 4291017644

■ 4292134572

Harmonies

Analogous

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



4278218154



4281950892



4286206618

Triad

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



4281950892



4288629554



4278219853

Complementary

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



4281950892



4289495865

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.



4282216234



4281950892



4287126039

Square

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



4281950892



4289151060



4284966674



4278220147

Rectangle

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



4281950892



4287842438



4284966674



4278416192

Sweetspot

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



4281950892



4290036960



4281969794



4283785072



4293980400



4285558896

Same Dimension

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



4281950892



4281167328



4282923436



4283322711



4278204054



4278192151

Inverse Universe

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



4289476962



4292881773



4288523321



4283911761



4288020534



4279697416

Previews

White Background



This preview shows how the Android color 4281950892 looks on a white background.

Color Contrast Check

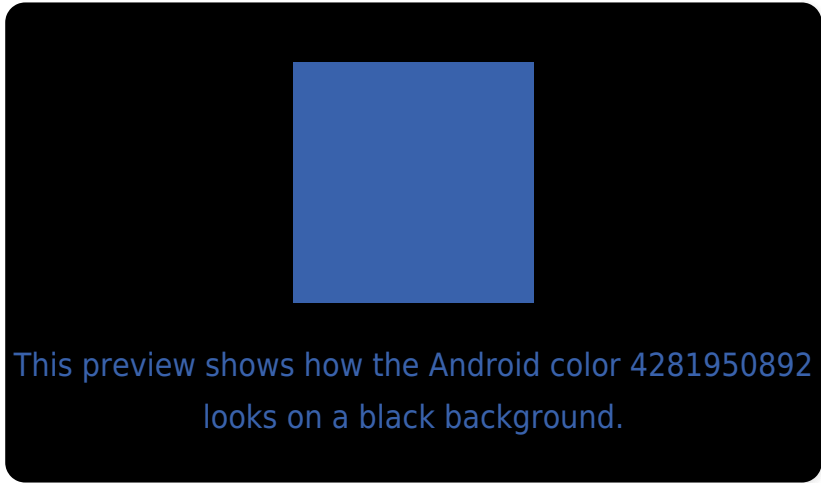
Large Text (above 18pt) WCAG AA ✓ Pass

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 4281950892 Background



This preview shows how black text looks on a background with the Android color 4281950892.



This preview shows how white text looks on a background with the Android color 4281950892.

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
4281950892

Protanopia
4282540459

Deuteranopia
4280968363

Trichromacy



Original Color
4281950892

Protanomaly
4282343851

Deuteranomaly
4281295787

Tritanomaly
4280314506

Monochromacy



Original Color
4281950892

Achromatopsia
4284374622

Achromatomaly
4283522938

CSS Examples

Text

The CSS property to change the color of the text to Android 4281950892 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(57, 98, 172)` looks like.

```
.text, #text, p{  
    color:rgb(57, 98, 172)  
}
```

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(57, 98, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(57, 98, 172) }
```

Border

The CSS property to change the border of an element to Android 4281950892 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(57, 98, 172) }
```

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

```
.border{ border-color:rgb(57, 98, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(57, 98, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(57, 98, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(57, 98, 172); box-shadow:4px 4px 4px 4px rgb(57, 98, 172) }
```

Background

The CSS property to change the background color of an element to Android 4281950892 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(57, 98, 172) }
```

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

```
.background{ background-color: rgb(57, 98,  
172) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor