

Converting Colors

Android(4286222796)

Have a look what the booklet for
Android(4286222796) contains.

Android(4286222796)	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(4286222796)

Conversions

Conversions Part 1

Format	Color
Hex	7A91CC
RGB	122, 145, 204
RGB Percent	48%, 57%, 80%
CMY	0.5216, 0.4314, 0.2000
CMYK	0.40, 0.29, 0.00, 0.20
HSL	223°, 45%, 64%
HSV	223°, 40%, 80%
XYZ	29.0505, 28.7480, 61.1445
YIQ	144.8490, -32.6470, 13.4730

Conversions

Conversions Part 2

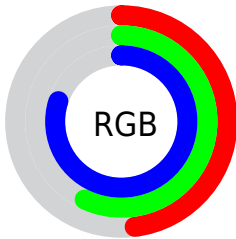
Format	Color
R_{YB}	122, 140, 204
Decimal	8032716
CIE _{Lab}	60.56, 6.81, -33.01
CIE _{LCh}	61, 33.702, 281.655
Yxy	28.7480, 0.2442, 0.2417
Android (android.graphics.Color)	4286222796 (0xFF7A91CC)
YUV	144.8490, 29.1614, -20.0386
Hunter-Lab	53.6172, 2.8837, -30.0818

Details

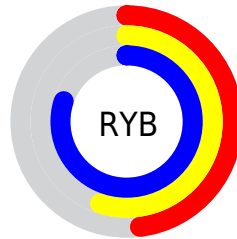
The Android color `4286222796` is a light color, and the websafe version is hex `9999CC`. A complement of this color would be `4291605882`, and the grayscale version is `4287730065`.

A 20% lighter version of the original color is `4289841151`, and `4282736534` is the 20% darker color. If you saturate the color by 10%, you get `4284908236`, and if you desaturate by 10%, it is `4287537356`.

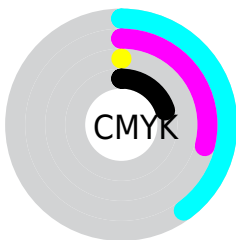
Distribution



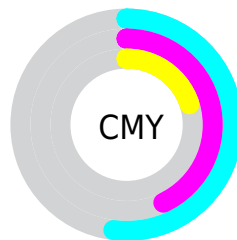
- Red (48%)
- Green (57%)
- Blue (80%)



- Red (48%)
- Yellow (55%)
- Blue (80%)



- Cyan (40%)
- Magenta (29%)
- Yellow (0%)
- Black (20%)



- Cyan (52%)
- Magenta (43%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286222796 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 4286222796 by changing the saturation by 10% instead.

■ 4286222796

■ 4286222796

4294967295

■ 4284446640

■ 4289841151

■ 4282736534

■ 4291683327

■ 4280895355

■ 4293591039

■ 4278464866

■ 4278197578

■ 4278190387

■ 4278190621

■ 4278190080

■ 4286222796

■ 4286222796

■ 4284908236

■ 4287537356

■ 4283528396

■ 4288917196

■ 4282213836

■ 4290231756

■ 4280833740

■ 4291611852

■ 4279519436

■ 4292926156

■ 4278204876

■ 4294240716

■ 4294965452

■ 4294967244

Harmonies

Analogous

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



4282817226



4286222796



4288972479

Triad

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



4286222796



4291264620



4283736446

Complementary

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



4286222796



4291605882

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.



4286159973



4286222796



4290087514

Square

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



4286222796



4291591047



4288320599



4280918685

Rectangle

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



4286222796



4290347183



4288320599



4284587893

Sweetspot

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



4286222796



4292930047



4286237877



4285428608



4278190080



4286611584

Same Dimension

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



4286222796



4286949375



4287396556



4284243814



4278202022



4278192934

Inverse Universe

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



4291590801



4294935975



4290432122



4284898399



4289069102



4280680459

Previews

White Background



This preview shows how the Android color 4286222796 looks on a white background.

Color Contrast Check

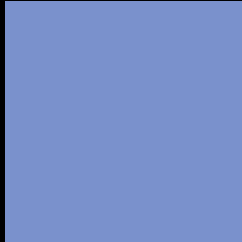
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Android color 4286222796 looks on a black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4286222796 Background



This preview shows how black text looks on a background with the Android color 4286222796.

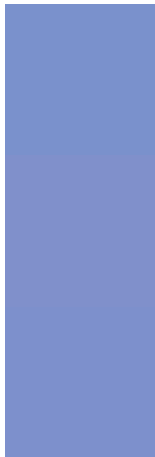


This preview shows how white text looks on a background with the Android color 4286222796.

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
4286222796

Protanopia
4286615755

Deuteranopia
4286419148

Trichromacy



Original Color
4286222796

Protanomaly
4286484683

Deuteranomaly
4286353612

Tritanomaly
4285830579

Monochromacy



Original Color
4286222796

Achromatopsia
4287730065

Achromatomaly
4287205798

CSS Examples

Text

The CSS property to change the color of the text to Android 4286222796 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(122, 145, 204)` looks like.

```
.text, #text, p{  
    color:rgb(122, 145, 204)  
}
```

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(122, 145, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 145, 204) }
```

Border

The CSS property to change the border of an element to Android 4286222796 is called "border". The border property can be set on classes, ids or directly on the HTML element.

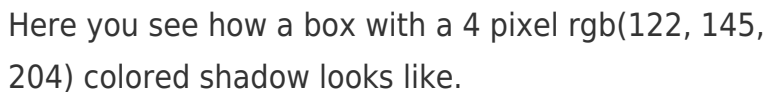
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(122, 145, 204) }
```

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

```
.border{ border-color:rgb(122, 145, 204) }
```

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



Here you see how a box with a 4 pixel `rgb(122, 145, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(122, 145, 204); -webkit-box-shadow:4px 4px 4px 4px rgb(122, 145, 204); box-shadow:4px 4px 4px 4px rgb(122, 145, 204) }
```

Background

The CSS property to change the background color of an element to Android 4286222796 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 145, 204) }
```

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

```
.background{ background-color: rgb(122,  
145, 204) }
```

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