

Converting Colors

Android(4286034662)

Have a look what the booklet for
Android(4286034662) contains.

Android(4286034662)	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(4286034662)

Conversions

Conversions Part 1

Format	Color
Hex	77B2E6
RGB	119, 178, 230
RGB Percent	47%, 70%, 90%
CMY	0.5333, 0.3020, 0.0980
CMYK	0.48, 0.23, 0.00, 0.10
HSL	208°, 69%, 68%
HSV	208°, 48%, 90%
XYZ	37.8111, 41.4759, 80.8757
YIQ	166.2870, -51.8560, 3.6640

Conversions

Conversions Part 2

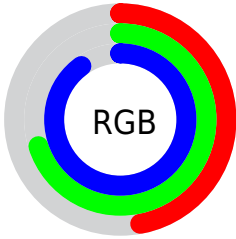
Format	Color
R _Y B	119, 158, 230
Decimal	7844582
CIE Lab	70.51, -5.15, -31.97
CIE LCh	71, 32.387, 260.853
Yxy	41.4759, 0.2361, 0.2590
Android (android.graphics.Color)	4286034662 (0xFF77B2E6)
YUV	166.2870, 31.4105, -41.4707
Hunter-Lab	64.4018, -7.9036, -29.3751

Details

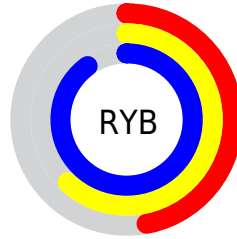
The Android color `4286034662` is a light color, and the websafe version is hex `6699CC`. A complement of this color would be `4293307255`, and the grayscale version is `4289111718`.

A 20% lighter version of the original color is `4289784575`, and `4282220206` is the 20% darker color. If you saturate the color by 10%, you get `4284524518`, and if you desaturate by 10%, it is `4287544806`.

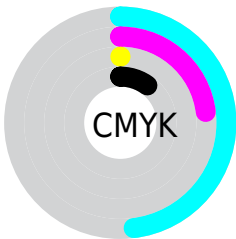
Distribution



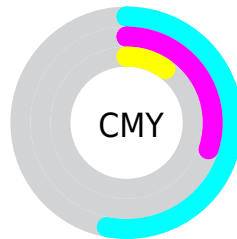
- Red (47%)
- Green (70%)
- Blue (90%)



- Red (47%)
- Yellow (62%)
- Blue (90%)



- Cyan (48%)
- Magenta (23%)
- Yellow (0%)
- Black (10%)



- Cyan (53%)
- Magenta (30%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Android color 4286034662 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 4286034662 by changing the saturation by 10% instead.

 4286034662


 4286034662

4294967295

 4284127178

 4289784575

 4282220206

 4291690495

 4279788947

 4293656575

 4278209914

 4278204000

 4278198600

 4278192178

 4278190364

 4278190080

■ 4286034662

■ 4286034662

■ 4284524518

■ 4287544806

■ 4283014374

■ 4289054950

■ 4281504486

■ 4290564838

■ 4279994342

■ 4292074982

■ 4278484198

■ 4293585126

■ 4278221542

■ 4294964198

■ 4294966758

■ 4294967270

Harmonies

Analogous

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



4283546073



4286034662



4288981219

Triad

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



4286034662



4293367705



4287281286

Complementary

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



4286034662



4293307255

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.



4289507701



4286034662



4292779648

Square

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



4286034662



4292908983



4291405938



4284988578

Rectangle

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



4286034662



4290683353



4291405938



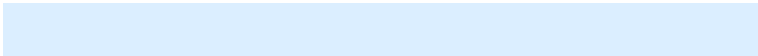
4288067199

Sweetspot

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



4286034662



4292603647



4286047915



4285166976



4278190080



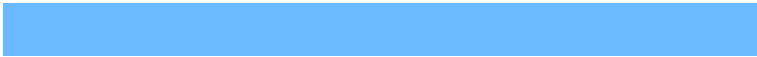
4286611584

Same Dimension

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



4286034662



4285250303



4286020582



4284968307



4278214579



4278197043

Inverse Universe

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



4293294002



4294929338



4293321335



4285753197



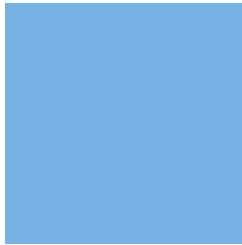
4289921119



4281532443

Previews

White Background



This preview shows how the Android color 4286034662 looks on a white background.

Color Contrast Check

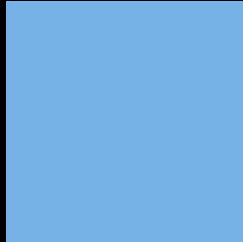
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Android color 4286034662 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 ✓ Pass

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

Android 4286034662 Background



This preview shows how black text looks on a background with the Android color 4286034662.



This preview shows how white text looks on a background with the Android color 4286034662.

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
4286034662

Protanomaly
4287606242

Deuteranomaly
4287540455

Tritanomaly
4285642450

Monochromacy



Original Color
4286034662

Achromatopsia
4289111718

Achromatomaly
4287998653

CSS Examples

Text

The CSS property to change the color of the text to Android 4286034662 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(119, 178, 230)` looks like.

```
.text, #text, p{  
    color:rgb(119, 178, 230)  
}
```

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(119, 178, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 178, 230) }
```

Border

The CSS property to change the border of an element to Android 4286034662 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(119, 178, 230) }
```

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

```
.border{ border-color:rgb(119, 178, 230) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 178, 230)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 178, 230); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 178, 230); box-shadow:4px 4px 4px 4px rgb(119, 178, 230) }
```

Background

The CSS property to change the background color of an element to Android 4286034662 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 178, 230) }
```

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

```
.background{ background-color: rgb(119,  
178, 230) }
```

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