

Converting Colors

Android(4284790749)

Have a look what the booklet for
Android(4284790749) contains.

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Color

Android(4284790749)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 64B7DD |
| RGB | 100, 183, 221 |
| RGB Percent | 39%, 72%, 87% |
| CMY | 0.6078, 0.2824, 0.1333 |
| CMYK | 0.55, 0.17, 0.00, 0.13 |
| HSL | 199°, 64%, 63% |
| HSV | 199°, 55%, 87% |
| XYZ | 35.2402, 41.7968, 74.6168 |
| YIQ | 162.5150, -61.6660, -5.7780 |

Conversions

Conversions Part 2

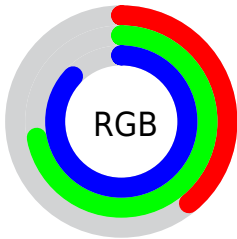
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 100, 149, 221 |
| Decimal | 6600669 |
| CIELab | 70.73, -14.64, -26.79 |
| CIElCh | 71, 30.531, 241.350 |
| Yxy | 41.7968, 0.2324, 0.2756 |
| Android (android.graphics.Color) | 4284790749 (0xFF64B7DD) |
| YUV | 162.5150, 28.8331, -54.8257 |
| Hunter-Lab | 64.6504, -15.8400, -23.1748 |

Details

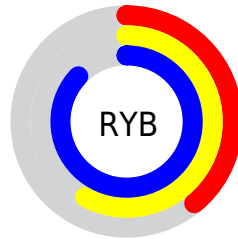
The Android color `4284790749` is a light color, and the websafe version is hex `66CCFF`. A complement of this color would be `4292708964`, and the grayscale version is `4288848546`.

A 20% lighter version of the original color is `4288606207`, and `4280386214` is the 20% darker color. If you saturate the color by 10%, you get `4283347165`, and if you desaturate by 10%, it is `4286234333`.

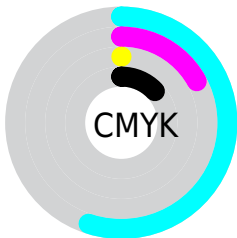
Distribution



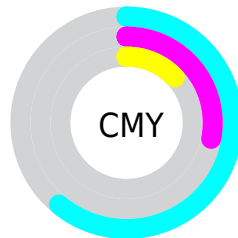
- Red (39%)
- Green (72%)
- Blue (87%)



- Red (39%)
- Yellow (58%)
- Blue (87%)



- Cyan (55%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (61%)
- Magenta (28%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284790749 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 4284790749 by changing the saturation by 10% instead.



4284790749



4284790749

4294967295



4282752193



4288606207



4280386214



4290576383



4278217099



4292476927



4278210930



4294443007



4278205017



4278199361



4278192171



4278190358



4278190080

■ 4284790749

■ 4284790749

■ 4283347165

■ 4286234333

■ 4281903581

■ 4287677917

■ 4280459997

■ 4289121501

■ 4279016413

■ 4290565085

■ 4278229213

■ 4292074205

■ 4293517789

■ 4294961373

■ 4294963165

■ 4294964701

Harmonies

Analogous

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



4283677641



4284790749



4287344612

Triad

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



4284790749



4293040301



4288853117

Complementary

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



4284790749



4292708964

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.



4290751605



4284790749



4293106577

Square

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



4284790749



4291993032



4292321917



4286691986

Rectangle

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



4284790749



4289112545



4292321917



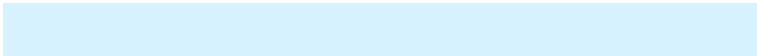
4289507961

Sweetspot

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



4284790749



4292276991



4284800392



4284971136



4278190080



4286611584

Same Dimension

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



4284790749



4283943679



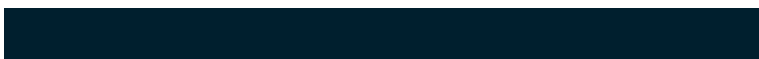
4284775645



4284705390



4278220717



4278198062

Inverse Universe

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



4292699319



4294924234



4292724068



4285424490



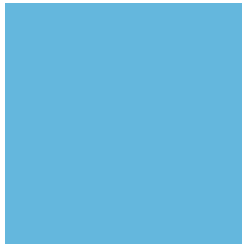
4289527927



4281204767

Previews

White Background



This preview shows how the Android color 4284790749 looks on a white background.

Color Contrast Check

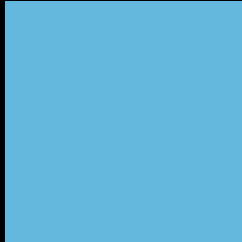
Large Text (above 18pt) WCAG AA × Fail

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 4284790749 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

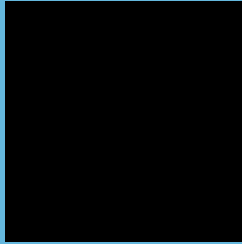
Any Text WCAG AA ✓ Pass

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 4284790749 Background



This preview shows how black text looks on a background with the Android color 4284790749.

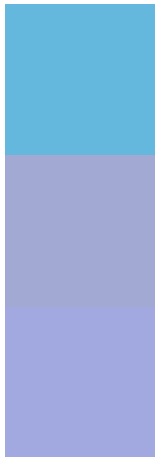


This preview shows how white text looks on a background with the Android color 4284790749.

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
4284790749

Protanopia
4288850644

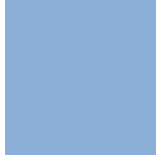
Deuteranopia
4288784864

Trichromacy



Original Color

4284790749



Protanomaly

4287344599



Deuteranomaly

4287344351



Tritanomaly

4284529104

Monochromacy



Original Color

4284790749



Achromatopsia

4288914339



Achromatomaly

4287408824

CSS Examples

Text

The CSS property to change the color of the text to Android 4284790749 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(100, 183, 221)` looks like.

```
.text, #text, p{  
    color:rgb(100, 183, 221)  
}
```

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(100, 183, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 183, 221) }
```

Border

The CSS property to change the border of an element to Android 4284790749 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(100, 183, 221) }
```

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

```
.border{ border-color:rgb(100, 183, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 183, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 183, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 183, 221);  
box-shadow:4px 4px 4px 4px rgb(100, 183,  
221) }
```

Background

The CSS property to change the background color of an element to Android 4284790749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 183, 221) }
```

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

```
.background{ background-color: rgb(100,  
183, 221) }
```

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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