

Converting Colors

Android(4284801778)

Have a look what the booklet for
Android(4284801778) contains.

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Color

Android(4284801778)

Conversions

Conversions Part 1

Format	Color
Hex	64E2F2
RGB	100, 226, 242
RGB Percent	39%, 89%, 95%
CMY	0.6078, 0.1137, 0.0510
CMYK	0.59, 0.07, 0.00, 0.05
HSL	187°, 85%, 67%
HSV	187°, 59%, 95%
XYZ	48.4789, 63.5128, 93.7085
YIQ	190.1500, -80.2320, -21.7360

Conversions

Conversions Part 2

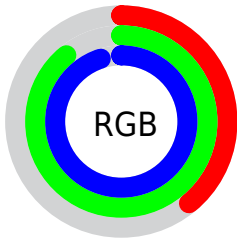
Format	Color
RYB	100, 167, 242
Decimal	6611698
CIELab	83.71, -30.30, -18.32
CIELCh	84, 35.409, 211.165
Yxy	63.5128, 0.2357, 0.3088
Android (android.graphics.Color)	4284801778 (0xFF64E2F2)
YUV	190.1500, 25.5620, -79.0616
Hunter-Lab	79.6949, -30.8836, -13.9291

Details

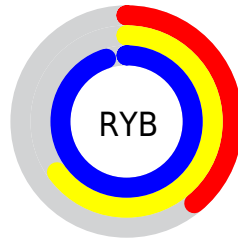
The Android color `4284801778` is a light color, and the websafe version is hex `66CCCC`. A complement of this color would be `4294079588`, and the grayscale version is `4290690750`.

A 20% lighter version of the original color is `4288872447`, and `4278758074` is the 20% darker color. If you saturate the color by 10%, you get `4283228146`, and if you desaturate by 10%, it is `4286375410`.

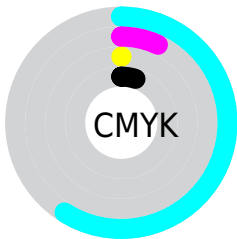
Distribution



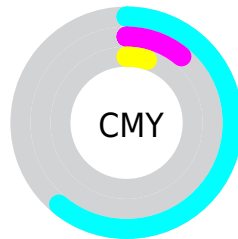
- Red (39%)
- Green (89%)
- Blue (95%)



- Red (39%)
- Yellow (65%)
- Blue (95%)



- Cyan (59%)
- Magenta (7%)
- Yellow (0%)
- Black (5%)



- Cyan (61%)
- Magenta (11%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Android color 4284801778 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 4284801778 by changing the saturation by 10% instead.



4284801778



4284801778

4294967295



4282500822



4288872447



4278758074



4290904063



4278227103



4292935679



4278220421

4294901759



4278213740



4278207571



4278201660



4278196006




4278190353

 4284801778

 4284801778

 4283228146

 4286375410


 4281654770

 4287948786

 4280015602

 4289587954

 4278441970

 4291161586

 4278245362

 4292735218

 4294308594

 4294964722

 4294965490

 4294966258

Harmonies

Analogous

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



4286047185



4284801778



4286111231

Triad

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



4284801778



4294753777



4293382030

Complementary

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



4284801778



4294079588

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.



4294952087



4284801778



4294949073

Square

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



4284801778



4292331775



4294949808



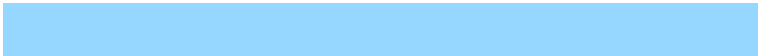
4291025303

Rectangle

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



4284801778



4288075775



4294949808



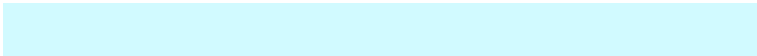
4294036367

Sweetspot

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



4284801778



4291951359



4284805746



4284710016



4278190080



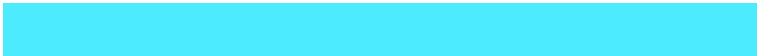
4286611584

Same Dimension

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



4284801778



4283296767



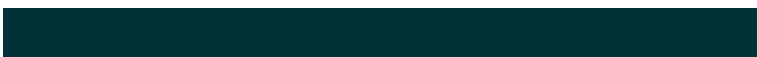
4284784114



4285298296



4278231992



4278202936

Inverse Universe

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



4294075618



4294921707



4294097252



4286082166



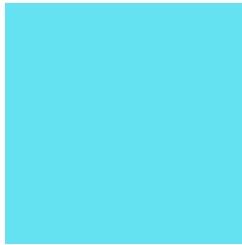
4290248867



4281860146

Previews

White Background



This preview shows how the Android color 4284801778 looks on a white background.

Color Contrast Check

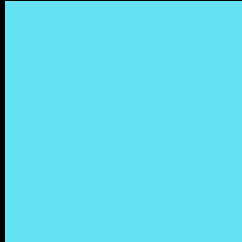
Large Text (above 18pt) WCAG AA × Fail

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 4284801778 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 4284801778 Background



This preview shows how black text looks on a background with the Android color 4284801778.



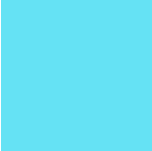
This preview shows how white text looks on a background with the Android color 4284801778.

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



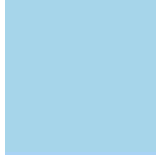


Tritanopia
4284867316

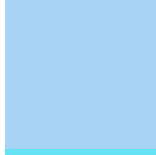
Trichromacy



Original Color
4284801778



Protanomaly
4289123818



Deuteranomaly
4289319925

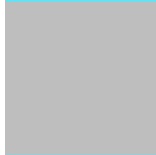


Tritanomaly
4284867315

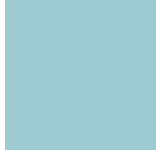
Monochromacy



Original Color
4284801778



Achromatopsia
4290690750



Achromatomaly
4288531409

CSS Examples

Text

The CSS property to change the color of the text to Android 4284801778 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, 226, 242)` looks like.

```
.text, #text, p{  
    color:rgb(100, 226, 242)  
}
```

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, 226, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(100, 226, 242) }
```

Border

The CSS property to change the border of an element to Android 4284801778 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, 226, 242) }
```

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

```
.border{ border-color:rgb(100, 226, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(100, 226, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(100, 226, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(100, 226, 242);  
box-shadow:4px 4px 4px 4px rgb(100, 226,  
242) }
```

Background

The CSS property to change the background color of an element to Android 4284801778 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(100, 226, 242) }
```

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

```
.background{ background-color: rgb(100,  
226, 242) }
```

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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