

# Converting Colors

Android(4282562525)

Have a look what the booklet for  
Android(4282562525) contains.

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# **Color**

**Android(4282562525)**

# Conversions

## Conversions Part 1

Format	Color
Hex	42B7DD
RGB	66, 183, 221
RGB Percent	26%, 72%, 87%
CMY	0.7412, 0.2824, 0.1333
CMYK	0.70, 0.17, 0.00, 0.13
HSL	195°, 70%, 56%
HSV	195°, 70%, 87%
XYZ	32.2314, 40.2457, 74.4760
YIQ	152.3490, -81.9300, -12.9860

# Conversions

## Conversions Part 2

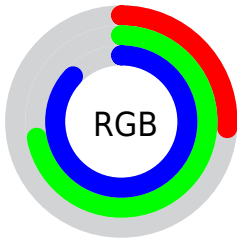
<b>Format</b>	<b>Color</b>
<b>RYB</b>	66, 133, 221
Decimal	4372445
CIELab	69.64, -20.48, -28.56
CIELCh	70, 35.142, 234.346
Yxy	40.2457, 0.2193, 0.2739
Android (android.graphics.Color)	4282562525 (0xFF42B7DD)
YUV	152.3490, 33.8449, -75.7281
Hunter-Lab	63.4395, -20.3294, -25.1970

# Details

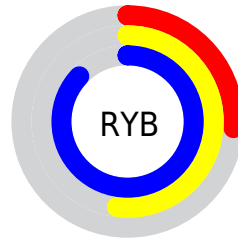
The Android color `4282562525` is a light color, and the websafe version is hex `33CCFF`. The color can be described as light muted azure. A complement of this color would be `4292700226`, and the grayscale version is `4288190616`.

A 20% lighter version of the original color is `4286902271`, and `4278223526` is the 20% darker color. If you saturate the color by 10%, you get `4281119453`, and if you desaturate by 10%, it is `4284005597`.

# Distribution



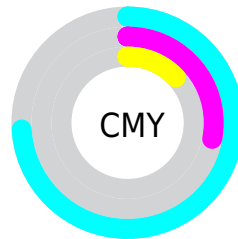
- Red (26%)
- Green (72%)
- Blue (87%)



- Red (26%)
- Yellow (52%)
- Blue (87%)



- Cyan (70%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (74%)
- Magenta (28%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Android color 4282562525 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 4282562525 by changing the saturation by 10% instead.



 4282562525

 4282562525

4294967295

 4279082177

 4286902271

 4278223526

 4288937983

 4278217099

 4290904063

 4278210674

 4292870143

 4278204761

4294901759

 4278199361

 4278190891

 4278190358

 4278190080

■ 4282562525

■ 4282562525

■ 4281119453

■ 4284005597

■ 4279676125

■ 4285448925

■ 4278233053

■ 4286891997

■ 4288335325

■ 4289843933

■ 4291287261

■ 4292730333

■ 4294173405

■ 4294961373

# Harmonies

## Analogous

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



4281777091



4282562525



4285771753

# Triad

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



4282562525



4293169841



4289048687

# Complementary

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



4282562525



4292700226

# 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.



4291143275



4282562525



4293497745

# Square

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



4282562525



4291664336



4292713335



4286625668

# Rectangle

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



4282562525



4288063720



4292713335



4289768812

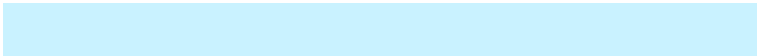


# Sweetspot

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



4282562525



4291425023



4282572134



4284512384



4278190080



4286611584



# Same Dimension

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



4282562525



4280929023



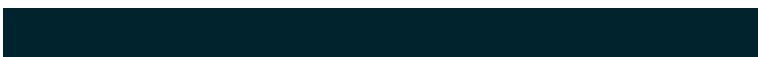
4282543069



4284705646



4278223789



4278199086



# Inverse Universe

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



4292690615



4294912458



4292719682



4285424491



4289527939



4281204771



# Previews

## White Background



This preview shows how the Android color 4282562525 looks on a white background.

## Color Contrast Check

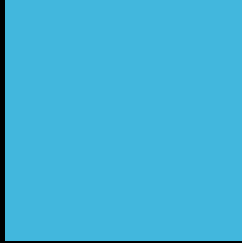
Large Text (above 18pt) WCAG AA × Fail

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 4282562525 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 4282562525 Background



This preview shows how black text looks on a background with the Android color 4282562525.



This preview shows how white text looks on a background with the Android color 4282562525.

# 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



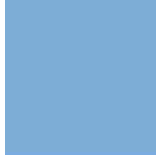


# Trichromacy



**Original Color**

4282562525



**Protanomaly**

4286426582



**Deuteranomaly**

4286295264



**Tritanomaly**

4282038737

# Monochromacy



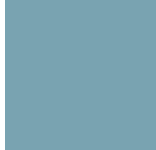
**Original Color**

4282562525



**Achromatopsia**

4288190616



**Achromatomaly**

4286161841

# CSS Examples

## Text

The CSS property to change the color of the text to Android 4282562525 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(66, 183, 221)` looks like.

```
.text, #text, p{  
    color:rgb(66, 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(66, 183, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 183, 221) }
```

## Border

The CSS property to change the border of an element to Android 4282562525 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(66, 183, 221) }
```

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

```
.border{ border-color:rgb(66, 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(66, 183, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 183, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 183, 221);  
box-shadow:4px 4px 4px 4px rgb(66, 183,  
221) }
```

# Background

The CSS property to change the background color of an element to Android 4282562525 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 183, 221) }
```

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

```
.background{ background-color: rgb(66, 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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