

Converting Colors

Android(4282561608)

Have a look what the booklet for
Android(4282561608) contains.

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Color

Android(4282561608)

Conversions

Conversions Part 1

Format	Color
Hex	42B448
RGB	66, 180, 72
RGB Percent	26%, 71%, 28%
CMY	0.7412, 0.2941, 0.7176
CMYK	0.63, 0.00, 0.60, 0.29
HSL	123°, 46%, 48%
HSV	123°, 63%, 71%
XYZ	19.7377, 34.2686, 11.7051
YIQ	133.6020, -33.2760, -57.7560

Conversions

Conversions Part 2

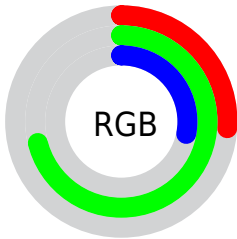
Format	Color
RYB	66, 174, 180
Decimal	4371528
CIELab	65.18, -53.80, 44.86
CIELCh	65, 70.052, 140.180
Yxy	34.2686, 0.3004, 0.5215
Android (android.graphics.Color)	4282561608 (0xFF42B448)
YUV	133.6020, -30.3698, -59.2870
Hunter-Lab	58.5394, -42.2592, 29.1224

Details

The Android color `4282561608` is a dark color, and the websafe version is hex `66CC66`. A complement of this color would be `4290003630`, and the grayscale version is `4287006342`.

A 20% lighter version of the original color is `4286508412`, and `4278222354` is the 20% darker color. If you saturate the color by 10%, you get `4281381943`, and if you desaturate by 10%, it is `4283741273`.

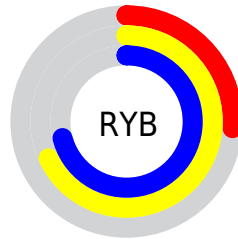
Distribution



Red (26%)

Green (71%)

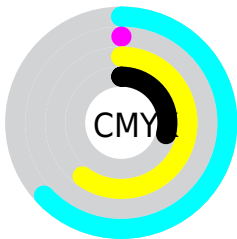
Blue (28%)



Red (26%)

Yellow (68%)

Blue (71%)

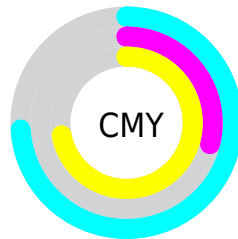


Cyan (63%)

Magenta (0%)

Yellow (60%)

Black (29%)



Cyan (74%)

Magenta (29%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282561608 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 4282561608 by changing the saturation by 10% instead.

 4282561608

 4282561608

4294967295

 4280064302

 4286508412

 4278222354

 4288413591

 4278215680

 4290314162

 4278209280

 4292280270

 4278203136


 4294246379

 4278196992

 4278190080

 4282561608

 4282561608

 4281381943

 4283741273

 4280202278

 4284920938

 4279022613

 4286100603


 4278236169

 4287280268

 4288459933

 4289639598

 4290819263

 4291998928

 4293178593

Harmonies

Analogous

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



4287932428



4282561608



4278237831

Triad

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



4282561608



4278234367



4294926967

Complementary

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



4282561608



4290003630

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.



4294927030



4282561608



4285765375

Square

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



4282561608



4278237182



4292180719



4294539838

Rectangle

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



4282561608



4278238131



4292180719



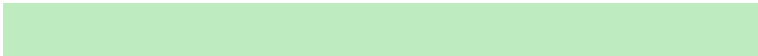
4294926219

Sweetspot

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



4282561608



4290702272



4289639490



4284118364



4294309365



4285887861

Same Dimension

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



4282561608



4281920322



4282561665



4283455825



4278229256



4278196737

Inverse Universe

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



4290003630



4293605601



4290003573



4284043353



4288217233



4279894040

Previews

White Background



This preview shows how the Android color 4282561608 looks on a white background.

Color Contrast Check

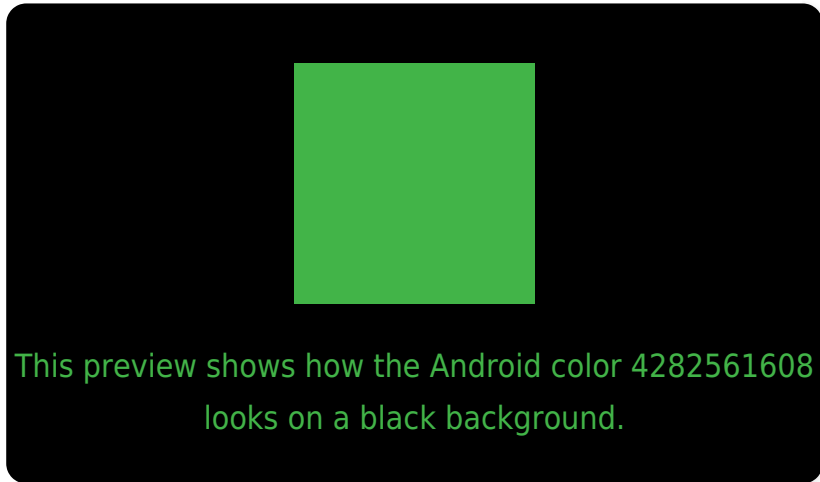
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



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 4282561608 Background



This preview shows how black text looks on a background with the Android color 4282561608.



This preview shows how white text looks on a background with the Android color 4282561608.

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
4282561608

Protanopia
4289699137

Deuteranopia
4290877009

Trichromacy



Original Color

4282561608



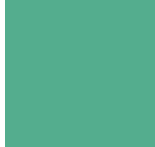
Protanomaly

4287079748



Deuteranomaly

4287865166



Tritanomaly

4283739534

Monochromacy



Original Color

4282561608



Achromatopsia

4287006342



Achromatomaly

4285372271

CSS Examples

Text

The CSS property to change the color of the text to Android 4282561608 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, 180, 72)` looks like.

```
.text, #text, p{  
    color:rgb(66, 180, 72)  
}
```

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, 180, 72) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 180, 72) }
```

Border

The CSS property to change the border of an element to Android 4282561608 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, 180, 72) }
```

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

```
.border{ border-color:rgb(66, 180, 72) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 180, 72)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 180, 72); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 180, 72);  
box-shadow:4px 4px 4px 4px rgb(66, 180,  
72) }
```

Background

The CSS property to change the background color of an element to Android 4282561608 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 180, 72) }
```

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

```
.background{ background-color: rgb(66, 180,  
72) }
```

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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