

Converting Colors

Android(4282560568)

Have a look what the booklet for
Android(4282560568) contains.

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Color

Android(4282560568)

Conversions

Conversions Part 1

Format	Color
Hex	42B038
RGB	66, 176, 56
RGB Percent	26%, 69%, 22%
CMY	0.7412, 0.3098, 0.7804
CMYK	0.62, 0.00, 0.68, 0.31
HSL	115°, 52%, 45%
HSV	115°, 68%, 69%
XYZ	18.4859, 32.4944, 9.0391
YIQ	129.4300, -27.0400, -60.6400

Conversions

Conversions Part 2

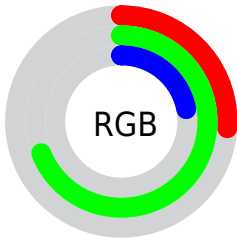
Format	Color
RYB	56, 176, 166
Decimal	4370488
CIELab	63.75, -54.05, 50.25
CIELCh	64, 73.805, 137.088
Yxy	32.4944, 0.3080, 0.5414
Android (android.graphics.Color)	4282560568 (0xFF42B038)
YUV	129.4300, -36.2010, -55.6281
Hunter-Lab	57.0039, -41.8707, 30.5011

Details

The Android color `4282560568` is a dark color, and the websafe version is hex `339900`. A complement of this color would be `4289083568`, and the grayscale version is `4286743170`.

A 20% lighter version of the original color is `4286507373`, and `4278221312` is the 20% darker color. If you saturate the color by 10%, you get `4281511974`, and if you desaturate by 10%, it is `4283609162`.

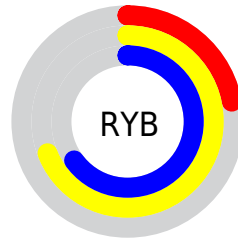
Distribution



Red (26%)

Green (69%)

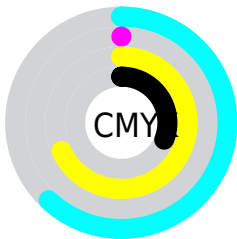
Blue (22%)



Red (22%)

Yellow (69%)

Blue (65%)

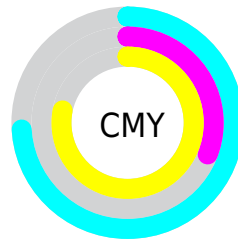


Cyan (62%)

Magenta (0%)

Yellow (68%)

Black (31%)



Cyan (74%)

Magenta (31%)

Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282560568 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 4282560568 by changing the saturation by 10% instead.

 4282560568

 4282560568

4294967295

 4280128796

 4286507373

 4278221312

 4288413576

 4278214656

 4290314147

 4278208256

 4292280255

 4278202624

 4294246363


 4278195712

 4294967288

 4278190080

 4282560568

 4282560568

 4281511974

 4283609162

 4280463381

 4284657755

 4279414787

 4285706349


 4279218176

 4286820478

 4287869072

 4288917666

 4289966259

 4291014853

 4292063446

Harmonies

Analogous

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



4288062208



4282560568



4278237051

Triad

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



4282560568



4278233855



4294924152

Complementary

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



4282560568



4289083568

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.



4294924730



4282560568



4283799039

Square

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



4282560568



4278236666



4291590133



4294668347

Rectangle

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



4282560568



4278237353



4291590133



4294923150

Sweetspot

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



4282560568



4290504376



4289766968



4284117847



4294111986



4285756275

Same Dimension

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



4282560568



4281984553



4281905258



4283521360



4279081216



4278327808

Inverse Universe

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



4289083568



4292225510



4289738878



4284043353



4287365273



4279697434

Previews

White Background



This preview shows how the Android color 4282560568 looks on a white background.

Color Contrast Check

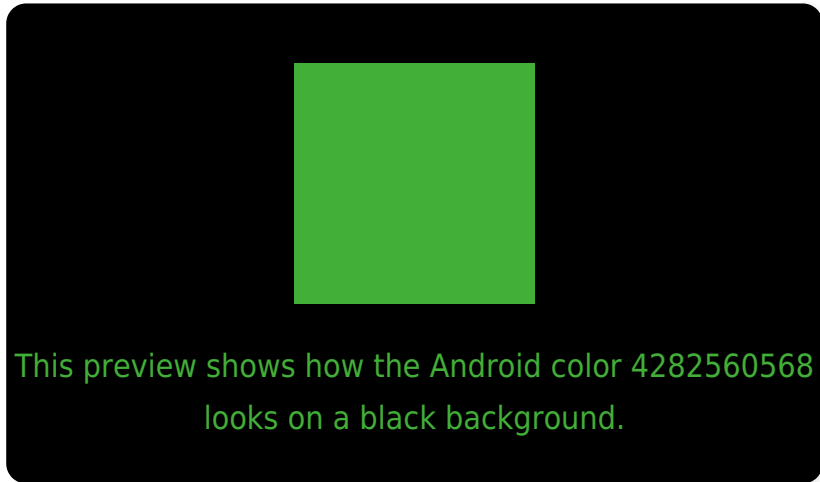
Large Text (above 18pt) WCAG AA × Fail

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

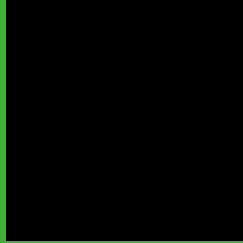
Any Text WCAG AA ✓ Pass

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 4282560568 Background



This preview shows how black text looks on a background with the Android color 4282560568.



This preview shows how white text looks on a background with the Android color 4282560568.

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

4282560568



Protanomaly

4286947892



Deuteranomaly

4287733054



Tritanomaly

4283738246

Monochromacy



Original Color

4282560568



Achromatopsia

4286677377



Achromatomaly

4285174374

CSS Examples

Text

The CSS property to change the color of the text to Android 4282560568 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, 176, 56)` looks like.

```
.text, #text, p{  
    color:rgb(66, 176, 56)  
}
```

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, 176, 56) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 176, 56) }
```

Border

The CSS property to change the border of an element to Android 4282560568 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, 176, 56) }
```

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

```
.border{ border-color:rgb(66, 176, 56) }
```

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

Here you see how a box with a 4 pixel `rgb(66, 176, 56)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 176, 56); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 176, 56);  
box-shadow:4px 4px 4px 4px rgb(66, 176,  
56) }
```

Background

The CSS property to change the background color of an element to Android 4282560568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 176, 56) }
```

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

```
.background{ background-color: rgb(66, 176,  
56) }
```

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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