

Converting Colors

Android(4282736401)

Have a look what the booklet for
Android(4282736401) contains.

Android(4282736401)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Android(4282736401)

Conversions

Conversions Part 1

Format	Color
Hex	455F11
RGB	69, 95, 17
RGB Percent	27%, 37%, 7%
CMY	0.7294, 0.6275, 0.9333
CMYK	0.27, 0.00, 0.82, 0.63
HSL	80°, 70%, 22%
HSV	80°, 82%, 37%
XYZ	6.6476, 9.4901, 2.0117
YIQ	78.3340, 9.5420, -29.7700

Conversions

Conversions Part 2

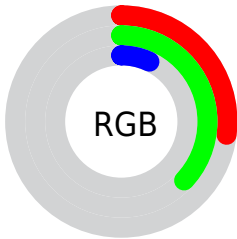
Format	Color
R_{YB}	17, 95, 43
Decimal	4546321
CIE _{Lab}	36.91, -22.06, 38.35
CIE _{LCh}	37, 44.245, 119.906
Yxy	9.4901, 0.3663, 0.5229
Android (android.graphics.Color)	4282736401 (0xFF455F11)
YUV	78.3340, -30.2377, -8.1859
Hunter-Lab	30.8060, -15.3920, 17.6924

Details

The Android color **4282736401** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **4281012575**, and the grayscale version is **4283387727**.

A 20% lighter version of the original color is **4286091843**, and **4279578880** is the 20% darker color. If you saturate the color by 10%, you get **4282539784**, and if you desaturate by 10%, it is **4282933018**.

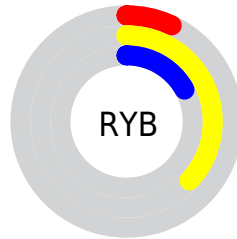
Distribution



Red (27%)

Green (37%)

Blue (7%)



Red (7%)

Yellow (37%)

Blue (17%)

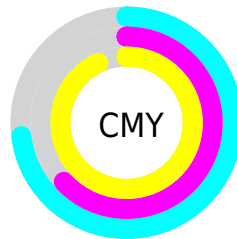


Cyan (27%)

Magenta (0%)

Yellow (82%)

Black (63%)



Cyan (73%)

Magenta (63%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282736401 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 4282736401 by changing the saturation by 10% instead.



4282736401



4282736401

4294967295



4281157376



4286091843



4279578880



4287867996



4278197504



4289644661



4278190080



4291486863



4293328810



4294967238



4294967266



4282736401



4282736401

■ 4282539784

■ 4282933018

■ 4282343168

■ 4283129636

■ 4283326253

■ 4283588407

■ 4283785025

■ 4283981642

■ 4284178260

■ 4284374877

■ 4284637031

Harmonies

Analogous

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



4285027586



4282736401



4278281521

Triad

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



4282736401



4278215572



4287968088

Complementary

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



4282736401



4281012575

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.



4286659963



4282736401



4278213534

Square

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



4282736401



4278216569



4283846037



4287904054

Rectangle

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



4282736401



4278216521



4283846037



4287706468

Sweetspot

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



4282736401



4285561436



4284427025



4281810219



4290624957



4282203453

Same Dimension

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



4282736401



4283595265



4280180497



4281282604



4283133952



4288737280

Inverse Universe

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



4281012575



4280942970



4283568479



4281150512



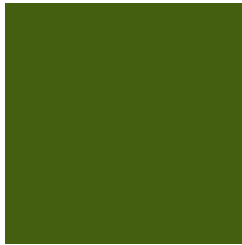
4280615024



4283433200

Previews

White Background



This preview shows how the Android color 4282736401 looks on a white background.

Color Contrast Check

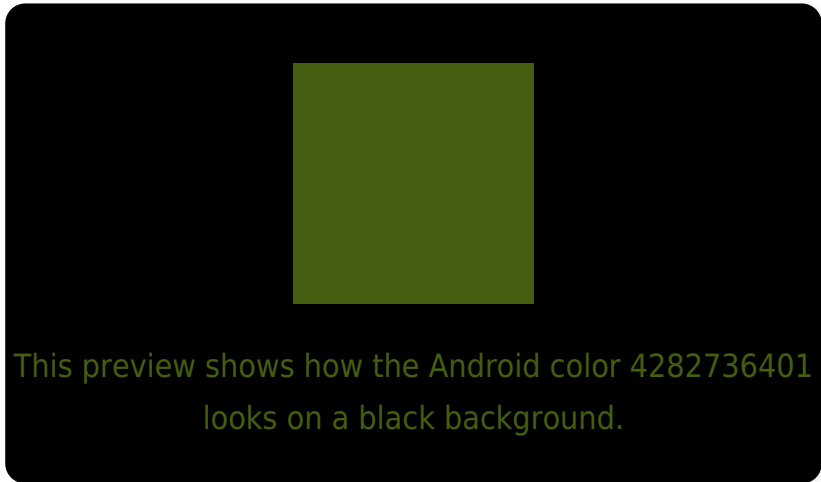
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black 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

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Android 4282736401 Background



This preview shows how black text looks on a background with the Android color 4282736401.



This preview shows how white text looks on a background with the Android color 4282736401.

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
4282736401

Protanopia
4284634895

Deuteranopia
4285354520



Tritanopia
4283324511

Trichromacy



Original Color
4282736401

Protanomaly
4283914768

Deuteranomaly
4284372757

Tritanomaly
4283128643

Monochromacy



Original Color
4282736401

Achromatopsia
4283321934

Achromatomaly
4283126840

CSS Examples

Text

The CSS property to change the color of the text to Android 4282736401 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(69, 95, 17)` looks like.

```
.text, #text, p{  
    color:rgb(69, 95, 17)  
}
```

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(69, 95, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 95, 17) }
```

Border

The CSS property to change the border of an element to Android 4282736401 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(69, 95, 17) }
```

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

```
.border{ border-color:rgb(69, 95, 17) }
```

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

Here you see how a box with a 4 pixel rgb(69, 95, 17) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 95, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 95, 17);  
box-shadow:4px 4px 4px 4px rgb(69, 95, 17)  
}
```

Background

The CSS property to change the background color of an element to Android 4282736401 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 95, 17) }
```

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

```
.background{ background-color: rgb(69, 95,  
17) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor