

Converting Colors

Android(4280362510)

Have a look what the booklet for
Android(4280362510) contains.

Android(4280362510)	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(4280362510)

Conversions

Conversions Part 1

Format	Color
Hex	21260E
RGB	33, 38, 14
RGB Percent	13%, 15%, 5%
CMY	0.8706, 0.8510, 0.9451
CMYK	0.13, 0.00, 0.63, 0.85
HSL	72°, 46%, 10%
HSV	72°, 63%, 15%
XYZ	1.3996, 1.7413, 0.6778
YIQ	33.7690, 4.7240, -8.5240

Conversions

Conversions Part 2

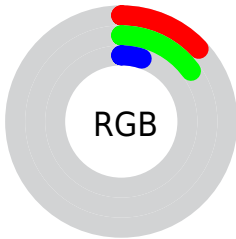
Format	Color
RYB	14, 38, 19
Decimal	2172430
CIELab	14.07, -7.04, 14.56
CIELCh	14, 16.172, 115.819
Yxy	1.7413, 0.3665, 0.4560
Android (android.graphics.Color)	4280362510 (0xFF21260E)
YUV	33.7690, -9.7461, -0.6744
Hunter-Lab	13.1957, -4.1602, 6.1916

Details

The Android color **4280362510** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **4279438886**, and the grayscale version is **4280427042**.

A 20% lighter version of the original color is **4283323193**, and **4278190080** is the 20% darker color. If you saturate the color by 10%, you get **4280296970**, and if you desaturate by 10%, it is **4280428050**.

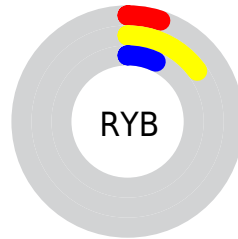
Distribution



Red (13%)

Green (15%)

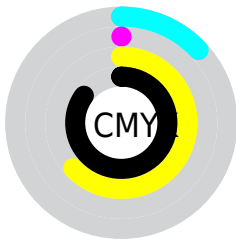
Blue (5%)



Red (5%)

Yellow (15%)

Blue (7%)

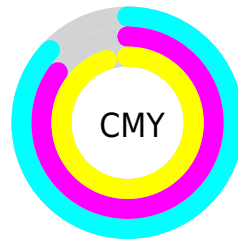


Cyan (13%)

Magenta (0%)

Yellow (63%)

Black (85%)



Cyan (87%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Android color 4280362510 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 4280362510 by changing the saturation by 10% instead.



4280362510



4280362510



4294967278



4278522368



4283323193



4278190080



4284902224



4286547048



4288257665



4290034075



4291876278



4293718482



4280362510



4280362510

■ 4280296970

■ 4280428050

■ 4280231430

■ 4280493590

■ 4280231427

■ 4280493593

■ 4280165888

■ 4280559133

■ 4280624673

■ 4280690213

■ 4280755753

■ 4280755756

■ 4280821296

Harmonies

Analogous

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



4281082635



4280362510



4279445527

Triad

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



4280362510



4278200374



4281867046

Complementary

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



4280362510



4279438886

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.



4281343281



4280362510



4279051578

Square

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



4280362510



4278200621



4280426808



4281932571

Rectangle

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



4280362510



4278659358



4280426808



4281735978

Sweetspot

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



4280362510



4281282599



4280685326



4279769620



4288256409



4279900698

Same Dimension

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



4280362510



4280889356



4279576078



4279308816



4282470912



4289122560

Inverse Universe

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



4279438886



4279438384



4280225318



4279242770



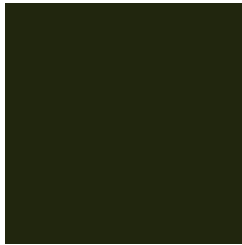
4279304274



4281073873

Previews

White Background



This preview shows how the Android color 4280362510 looks on a white background.

Color Contrast Check

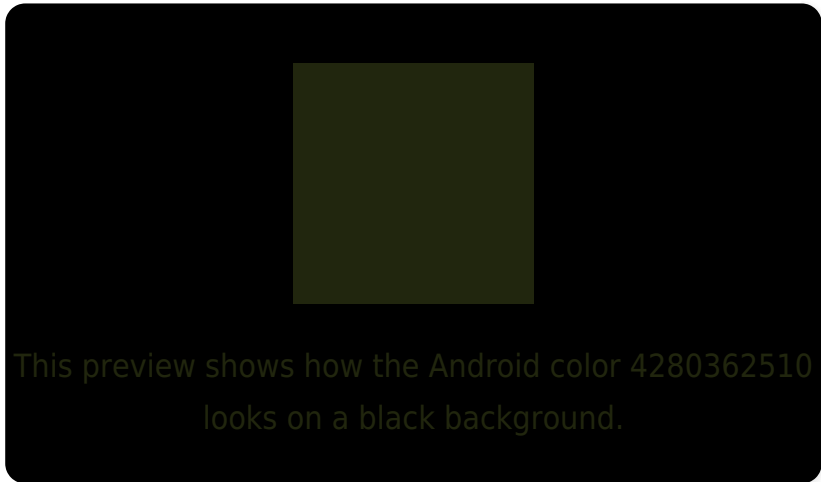
Large Text (above 18pt) WCAG AA ✓ Pass

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

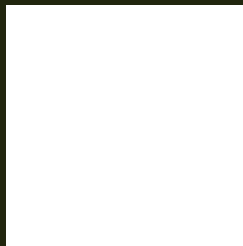
Any Text WCAG AAA × Fail

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

Android 4280362510 Background



This preview shows how black text looks on a background with the Android color 4280362510.

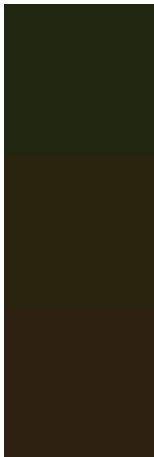


This preview shows how white text looks on a background with the Android color 4280362510.

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

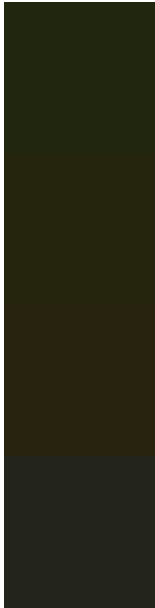


Original Color
4280362510

Protanopia
4280820749

Deuteranopia
4281082383

Trichromacy



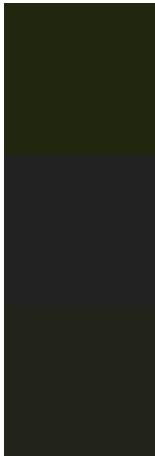
Original Color
4280362510

Protanomaly
4280624397

Deuteranomaly
4280820495

Tritanomaly
4280493341

Monochromacy



Original Color
4280362510

Achromatopsia
4280427042

Achromatomaly
4280427291

CSS Examples

Text

The CSS property to change the color of the text to Android 4280362510 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(33, 38, 14)` looks like.

```
.text, #text, p{  
    color:rgb(33, 38, 14)  
}
```

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(33, 38, 14) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 38, 14) }
```

Border

The CSS property to change the border of an element to Android 4280362510 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(33, 38, 14) }
```

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

```
.border{ border-color:rgb(33, 38, 14) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 38, 14)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 38, 14); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 38, 14);  
box-shadow:4px 4px 4px 4px rgb(33, 38, 14)  
}
```

Background

The CSS property to change the background color of an element to Android 4280362510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 38, 14) }
```

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

```
.background{ background-color: rgb(33, 38,  
14) }
```

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