

Converting Colors

Android(4282406510)

Have a look what the booklet for
Android(4282406510) contains.

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Color

Android(4282406510)

Conversions

Conversions Part 1

Format	Color
Hex	40566E
RGB	64, 86, 110
RGB Percent	25%, 34%, 43%
CMY	0.7490, 0.6627, 0.5686
CMYK	0.42, 0.22, 0.00, 0.57
HSL	211°, 26%, 34%
HSV	211°, 42%, 43%
XYZ	8.2566, 8.8714, 16.0290
YIQ	82.1580, -20.8160, 2.8000

Conversions

Conversions Part 2

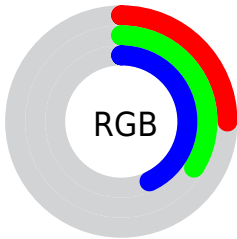
Format	Color
RYB	64, 79, 110
Decimal	4216430
CIELab	35.74, -1.56, -16.40
CIElCh	36, 16.478, 264.580
Yxy	8.8714, 0.2490, 0.2676
Android (android.graphics.Color)	4282406510 (0xFF40566E)
YUV	82.1580, 13.7261, -15.9246
Hunter-Lab	29.7848, -2.6417, -11.0582

Details

The Android color `4282406510` is a dark color, and the websafe version is hex `336699`. A complement of this color would be `4285421632`, and the grayscale version is `4283585106`.

A 20% lighter version of the original color is `4285696162`, and `4279249214` is the 20% darker color. If you saturate the color by 10%, you get `4281684078`, and if you desaturate by 10%, it is `4283128942`.

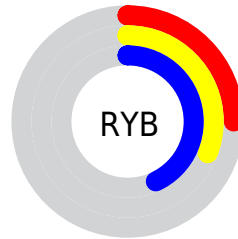
Distribution



Red (25%)

Green (34%)

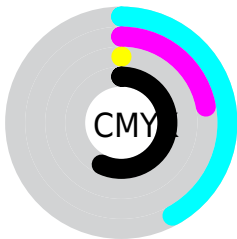
Blue (43%)



Red (25%)

Yellow (31%)

Blue (43%)

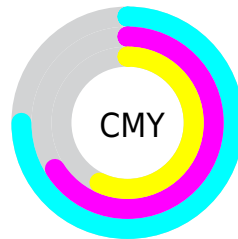


Cyan (42%)

Magenta (22%)

Yellow (0%)

Black (57%)



Cyan (75%)

Magenta (66%)

Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282406510 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 4282406510 by changing the saturation by 10% instead.

■ 4282406510

■ 4282406510

4294967295

■ 4280827734

■ 4285696162

■ 4279249214

■ 4287406781

■ 4278195496

■ 4289183193

■ 4278190355

■ 4290959861

■ 4278190080

■ 4292802047

■ 4294705151

■ 4282406510

■ 4282406510

■ 4281684078

■ 4283128942

■ 4280961902

■ 4283851118

■ 4280239470

■ 4284573550

■ 4279517038

■ 4285295982

■ 4278794606

■ 4286018414

■ 4278203758

■ 4286740590

■ 4287463022

■ 4288185454

■ 4288907886

Harmonies

Analogous

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



4281358697



4282406510



4283650668

Triad

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



4282406510



4285483850



4282604100

Complementary

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



4282406510



4285421632

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.



4283586364



4282406510



4285156927

Square

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



4282406510



4285287255



4284502586



4281686865

Rectangle

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



4282406510



4284370535



4284502586



4282931521

Sweetspot

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



4282406510



4286350735



4282412632



4282138951



4291282887



4282861383

Same Dimension

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



4282406510



4282870415



4282466414



4281480504



4278204792



4278220535

Inverse Universe

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



4285415510



4287580010



4285361728



4281872949



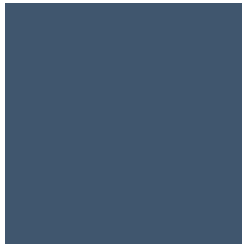
4286054457



4294377590

Previews

White Background



This preview shows how the Android color 4282406510 looks on a white background.

Color Contrast Check

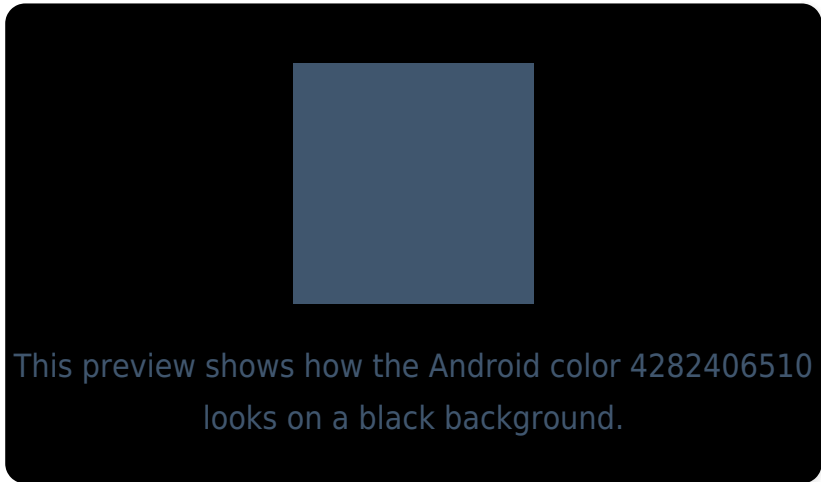
Large Text (above 18pt) WCAG AA ✓ Pass

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

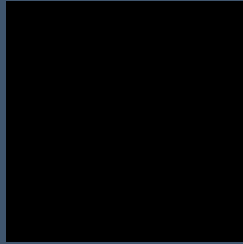
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

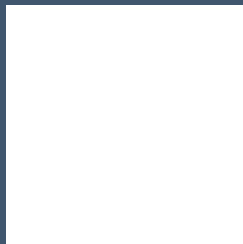
Any Text WCAG AAA × Fail

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

Android 4282406510 Background



This preview shows how black text looks on a background with the Android color 4282406510.

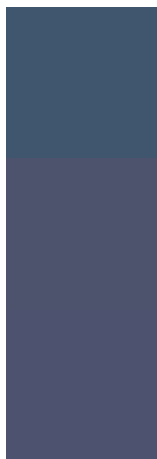


This preview shows how white text looks on a background with the Android color 4282406510.

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

4282406510

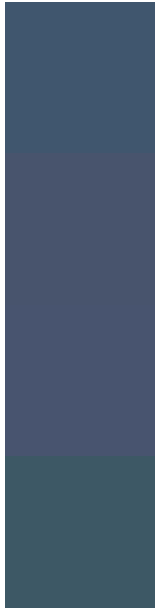
Protanopia

4283257708

Deuteranopia

4283257711

Trichromacy



Original Color

4282406510

Protanomaly

4282930285

Deuteranomaly

4282930287

Tritanomaly

4282210405

Monochromacy



Original Color

4282406510

Achromatopsia

4283585106

Achromatomaly

4283126620

CSS Examples

Text

The CSS property to change the color of the text to Android 4282406510 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(64, 86, 110)` looks like.

```
.text, #text, p{  
    color:rgb(64, 86, 110)  
}
```

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(64, 86, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 86, 110) }
```

Border

The CSS property to change the border of an element to Android 4282406510 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(64, 86, 110) }
```

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

```
.border{ border-color:rgb(64, 86, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 86, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 86, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 86, 110);  
box-shadow:4px 4px 4px 4px rgb(64, 86,  
110) }
```

Background

The CSS property to change the background color of an element to Android 4282406510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 86, 110) }
```

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

```
.background{ background-color: rgb(64, 86,  
110) }
```

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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