

Converting Colors

Android(4282384612)

Have a look what the booklet for
Android(4282384612) contains.

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Color

Android(4282384612)

Conversions

Conversions Part 1

Format	Color
Hex	4000E4
RGB	64, 0, 228
RGB Percent	25%, 0%, 89%
CMY	0.7490, 1.0000, 0.1059
CMYK	0.72, 1.00, 0.00, 0.11
HSL	257°, 100%, 45%
HSV	257°, 100%, 89%
XYZ	16.1179, 6.6914, 73.8409
YIQ	45.1280, -35.0440, 84.4760

Conversions

Conversions Part 2

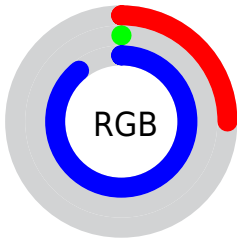
Format	Color
RYB	64, 0, 228
Decimal	4194532
CIELab	31.09, 73.76, -94.52
CIELCh	31, 119.895, 307.969
Yxy	6.6914, 0.1668, 0.0692
Android (android.graphics.Color)	4282384612 (0xFF4000E4)
YUV	45.1280, 90.1559, 16.5507
Hunter-Lab	25.8678, 65.9528, -151.1387

Details

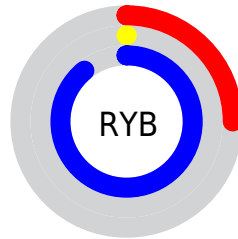
The Android color `4282384612` is a dark color, and the websafe version is hex `0000CC`. The color can be described as dark washed blue. A complement of this color would be `4288996352`, and the grayscale version is `4281084972`.

A 20% lighter version of the original color is `4287186943`, and `4278190251` is the 20% darker color. If you saturate the color by 10%, you get `4282384612`, and if you desaturate by 10%, it is `4283439076`.

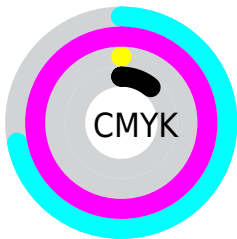
Distribution



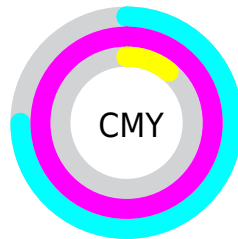
- Red (25%)
- Green (0%)
- Blue (89%)



- Red (25%)
- Yellow (0%)
- Blue (89%)



- Cyan (72%)
- Magenta (100%)
- Yellow (0%)
- Black (11%)



- Cyan (75%)
- Magenta (100%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282384612 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 4282384612 by changing the saturation by 10% instead.



4282384612



4282384612

4294967295



4278190279



4287186943



4278190251



4289356799



4278190223



4291460863



4278190196



4293499647



4278193498



4294948607



4278191938



4294956031



4278190891



4294963455



4278190357



4278190080

 4282384612

 4283439076

 4284559076

 4285613284

 4286733284

 4287787748

 4288842212

 4289962212

 4291016420

 4292136420

Harmonies

Analogous

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



4278212351



4282384612



4290773138

Triad

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



4282384612



4287569408



4278215778

Complementary

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



4282384612



4288996352

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.



4278214912



4282384612



4282601216

Square

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



4282384612



4290969600



4278213888



4278216895

Rectangle

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



4282384612



4292345941



4278213888



4278215489

Sweetspot

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



4282384612



4291343359



4278233060



4284371584



4278190080



4286611584

Same Dimension

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



4282384612



4282908927



4289659108



4285163379



4281467059



4279107635

Inverse Universe

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



4293132452



4294901943



4281721856



4285753200



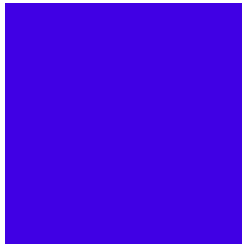
4289921152



4281532453

Previews

White Background



This preview shows how the Android color 4282384612 looks on a white background.

Color Contrast Check

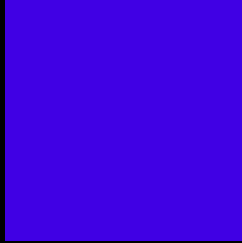
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the Android color 4282384612 looks on a 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 4282384612 Background



This preview shows how black text looks on a background with the Android color 4282384612.



This preview shows how white text looks on a background with the Android color 4282384612.

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

4282384612

Protanopia

4278208663

Deuteranopia

4278209920

Trichromacy



Original Color
4282384612

Protanomaly
4279709363

Deuteranomaly
4279710116

Tritanomaly
4279711115

Monochromacy



Original Color
4282384612

Achromatopsia
4281150765

Achromatomaly
4281605488

CSS Examples

Text

The CSS property to change the color of the text to Android 4282384612 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, 0, 228)` looks like.

```
.text, #text, p{  
    color:rgb(64, 0, 228)  
}
```

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, 0, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 0, 228) }
```

Border

The CSS property to change the border of an element to Android 4282384612 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, 0, 228) }
```

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

```
.border{ border-color:rgb(64, 0, 228) }
```

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

Here you see how a box with a 4 pixel rgb(64, 0, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 0, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 0, 228);  
box-shadow:4px 4px 4px 4px rgb(64, 0, 228)  
}
```

Background

The CSS property to change the background color of an element to Android 4282384612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 0, 228) }
```

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

```
.background{ background-color: rgb(64, 0,  
228) }
```

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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