

Converting Colors

Android(4278862004)

Have a look what the booklet for
Android(4278862004) contains.

Android(4278862004)	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(4278862004)

Conversions

Conversions Part 1

Format	Color
Hex	0A40B4
RGB	10, 64, 180
RGB Percent	4%, 25%, 71%
CMY	0.9608, 0.7490, 0.2941
CMYK	0.94, 0.64, 0.00, 0.29
HSL	221°, 89%, 37%
HSV	221°, 94%, 71%
XYZ	10.1968, 7.0266, 43.9989
YIQ	61.0780, -69.4200, 24.6280

Conversions

Conversions Part 2

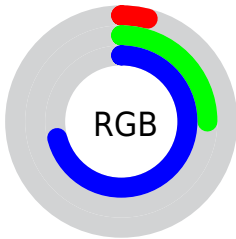
Format	Color
R_{YB}	10, 51, 180
Decimal	671924
CIE _{Lab}	31.87, 31.26, -65.33
CIE _{LCh}	32, 72.424, 295.567
Yxy	7.0266, 0.1666, 0.1148
Android (android.graphics.Color)	4278862004 (0xFF0A40B4)
YUV	61.0780, 58.6285, -44.7954
Hunter-Lab	26.5078, 22.2754, -79.8570

Details

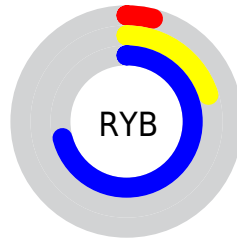
The Android color `4278862004` is a dark color, and the websafe version is hex `003399`. A complement of this color would be `4290018826`, and the grayscale version is `4282203453`.

A 20% lighter version of the original color is `4284510189`, and `4278196094` is the 20% darker color. If you saturate the color by 10%, you get `4278204852`, and if you desaturate by 10%, it is `4280044724`.

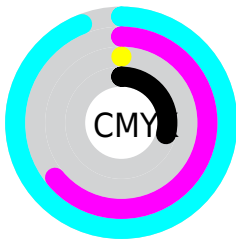
Distribution



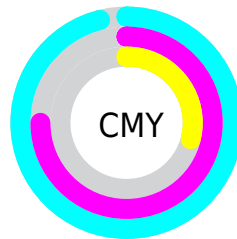
- Red (4%)
- Green (25%)
- Blue (71%)



- Red (4%)
- Yellow (20%)
- Blue (71%)



- Cyan (94%)
- Magenta (64%)
- Yellow (0%)
- Black (29%)



- Cyan (96%)
- Magenta (75%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Android color 4278862004 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 4278862004 by changing the saturation by 10% instead.

 4278862004

 4278862004

4294967295

 4278201241

 4284510189

 4278196094

 4286548479

 4278190180

 4288521215

 4278192459

 4290494207

 4278191155

 4292467455

 4278190621

 4294506239

 4278190080

 4278862004

 4278862004

 4278204852

 4280044724

■ 4281227700

■ 4282410420

■ 4283593140

■ 4284775860

■ 4285958836

■ 4287141556

■ 4288324276

■ 4289507252

Harmonies

Analogous

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



4278212287



4278862004



4286778509

Triad

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



4278862004



4287440640



4278214721

Complementary

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



4278862004



4290018826

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.



4278213888



4278862004



4284761600

Square

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



4278862004



4289003551



4281030144



4278215035

Rectangle

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



4278862004



4288544873



4281030144



4278214444

Sweetspot

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



4278862004



4289314539



4278891643



4283259509



4294309365



4285887861

Same Dimension

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



4278862004



4278209515



4280683188



4283454297



4278202777



4278192154

Inverse Universe

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



4289989184



4293591115



4288197642



4284043347



4288217137



4279894024

Previews

White Background



This preview shows how the Android color 4278862004 looks on a white background.

Color Contrast Check

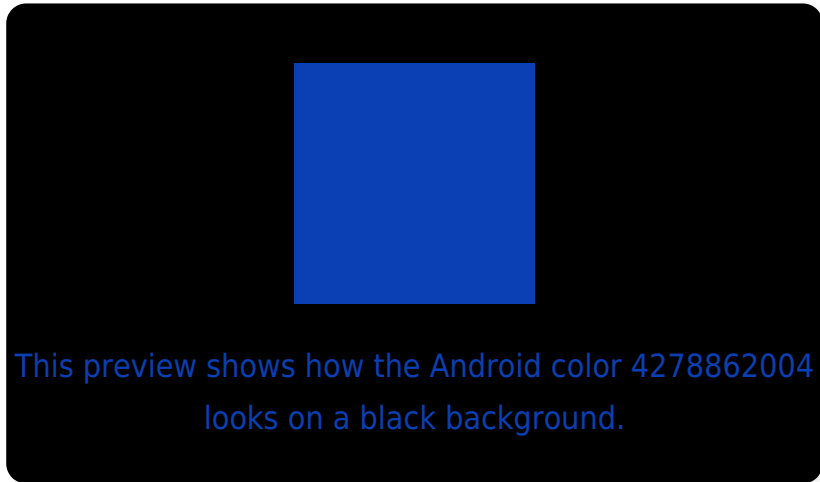
Large Text (above 18pt) WCAG AA ✓ Pass

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 4278862004 Background



This preview shows how black text looks on a background with the Android color 4278862004.



This preview shows how white text looks on a background with the Android color 4278862004.

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

4278862004

Protanopia

4278208665

Deuteranopia

4278209922

Trichromacy



Original Color

4278862004

Protanomaly

4278470051

Deuteranomaly

4278470804

Tritanomaly

4278471801

Monochromacy



Original Color

4278862004

Achromatopsia

4282203453

Achromatomaly

4280958568

CSS Examples

Text

The CSS property to change the color of the text to Android 4278862004 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(10, 64, 180)` looks like.

```
.text, #text, p{  
    color:rgb(10, 64, 180)  
}
```

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(10, 64, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(10, 64, 180) }
```

Border

The CSS property to change the border of an element to Android 4278862004 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(10, 64, 180) }
```

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

```
.border{ border-color:rgb(10, 64, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(10, 64, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(10, 64, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(10, 64, 180);  
box-shadow:4px 4px 4px 4px rgb(10, 64,  
180) }
```

Background

The CSS property to change the background color of an element to Android 4278862004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(10, 64, 180) }
```

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

```
.background{ background-color: rgb(10, 64,  
180) }
```

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