

Converting Colors

Android(4282020302)

Have a look what the booklet for
Android(4282020302) contains.

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Color

Android(4282020302)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 3A71CE |
| RGB | 58, 113, 206 |
| RGB Percent | 23%, 44%, 81% |
| CMY | 0.7725, 0.5569, 0.1922 |
| CMYK | 0.72, 0.45, 0.00, 0.19 |
| HSL | 218°, 60%, 52% |
| HSV | 218°, 72%, 81% |
| XYZ | 18.7906, 17.1660, 60.7155 |
| YIQ | 107.1570, -62.6330, 17.2630 |

Conversions

Conversions Part 2

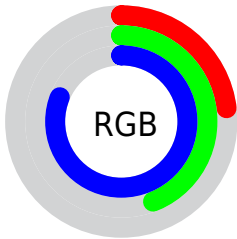
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 58, 98, 206 |
| Decimal | 3830222 |
| CIE _{Lab} | 48.47, 13.39, -53.47 |
| CIE _{LCh} | 48, 55.117, 284.064 |
| Yxy | 17.1660, 0.1944, 0.1776 |
| Android (android.graphics.Color) | 4282020302 (0xFF3A71CE) |
| YUV | 107.1570, 48.7296, -43.1107 |
| Hunter-Lab | 41.4319, 8.4493, -57.8830 |

Details

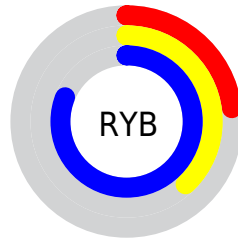
The Android color `4282020302` is a dark color, and the websafe version is hex `3366CC`. The color can be described as dark muted azure. A complement of this color would be `4291729210`, and the grayscale version is `4285229931`.

A 20% lighter version of the original color is `4286227711`, and `4278207127` is the 20% darker color. If you saturate the color by 10%, you get `4280640718`, and if you desaturate by 10%, it is `4283399886`.

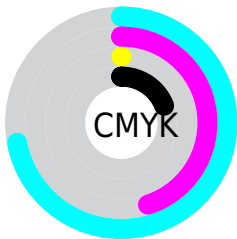
Distribution



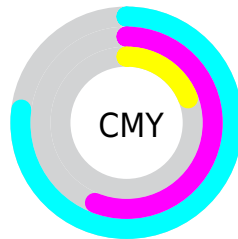
- Red (23%)
- Green (44%)
- Blue (81%)



- Red (23%)
- Yellow (38%)
- Blue (81%)



- Cyan (72%)
- Magenta (45%)
- Yellow (0%)
- Black (19%)



- Cyan (77%)
- Magenta (56%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282020302 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 4282020302 by changing the saturation by 10% instead.

 4282020302

 4282020302

4294967295

 4278278578

 4286227711

 4278207127

 4288200703

 4278201725

 4290173951

 4278196835

 4292147199

 4278191179

 4294115327

 4278191155

 4278190621

 4278190080

 4282020302

 4282020302

■ 4280640718

■ 4283399886

■ 4279326670

■ 4284713934

■ 4278209998

■ 4286093518

■ 4287407566

■ 4288787150

■ 4290166734

■ 4291480782

■ 4292860366

■ 4294174414

Harmonies

Analogous

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



4278222797



4282020302



4287716791

Triad

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



4282020302



4290466868



4278224728

Complementary

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



4282020302



4291729210

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.



4282352170



4282020302



4288571405

Square

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



4282020302



4291249503



4285888513



4278225288

Rectangle

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



4282020302



4289744797



4285888513



4278224456

Sweetspot

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



4282020302



4291288319



4282044053



4284377984



4278190080



4286611584

Same Dimension

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



4282020302



4280579583



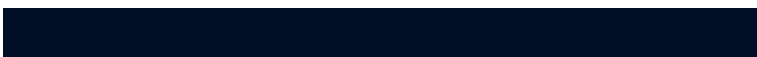
4283120334



4284244070



4278206118



4278193702

Inverse Universe

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



4291705457



4294911093



4290629178



4284898400



4289069118



4280680462

Previews

White Background



This preview shows how the Android color 4282020302 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 × Fail

Black Background



This preview shows how the Android color 4282020302 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 4282020302 Background



This preview shows how black text looks on a background with the Android color 4282020302.



This preview shows how white text looks on a background with the Android color 4282020302.

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



Trichromacy



Original Color
4282020302

Protanomaly
4282544333

Deuteranomaly
4280513485

Tritanomaly
4279597730

Monochromacy



Original Color
4282020302

Achromatopsia
4285229931

Achromatomaly
4284050831

CSS Examples

Text

The CSS property to change the color of the text to Android 4282020302 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(58, 113, 206)` looks like.

```
.text, #text, p{  
    color:rgb(58, 113, 206)  
}
```

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(58, 113, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 113, 206) }
```

Border

The CSS property to change the border of an element to Android 4282020302 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(58, 113, 206) }
```

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

```
.border{ border-color:rgb(58, 113, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 113, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 113, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 113, 206);  
box-shadow:4px 4px 4px 4px rgb(58, 113,  
206) }
```

Background

The CSS property to change the background color of an element to Android 4282020302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 113, 206) }
```

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

```
.background{ background-color: rgb(58, 113,  
206) }
```

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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