

Converting Colors

Android(4282020576)

Have a look what the booklet for
Android(4282020576) contains.

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Color

Android(4282020576)

Conversions

Conversions Part 1

Format	Color
Hex	3A72E0
RGB	58, 114, 224
RGB Percent	23%, 45%, 88%
CMY	0.7725, 0.5529, 0.1216
CMYK	0.74, 0.49, 0.00, 0.12
HSL	220°, 73%, 55%
HSV	220°, 74%, 88%
XYZ	21.2168, 18.3160, 72.9381
YIQ	109.7960, -68.6860, 22.3380

Conversions

Conversions Part 2

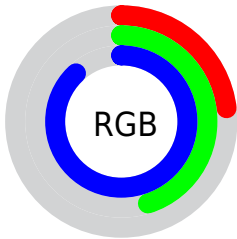
Format	Color
R _Y B	58, 100, 224
Decimal	3830496
CIE Lab	49.88, 19.35, -61.41
CIE LCh	50, 64.392, 287.492
Yxy	18.3160, 0.1886, 0.1629
Android (android.graphics.Color)	4282020576 (0xFF3A72E0)
YUV	109.7960, 56.3026, -45.4251
Hunter-Lab	42.7972, 13.5966, -71.0884

Details

The Android color `4282020576` is a dark color, and the websafe version is hex `3366CC`. The color can be described as middle washed azure. A complement of this color would be `4292913210`, and the grayscale version is `4285361517`.

A 20% lighter version of the original color is `4286490111`, and `4278207400` is the 20% darker color. If you saturate the color by 10%, you get `4280574944`, and if you desaturate by 10%, it is `4283466208`.

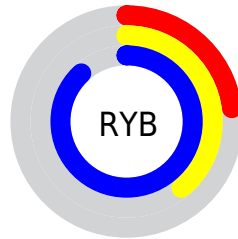
Distribution



Red (23%)

Green (45%)

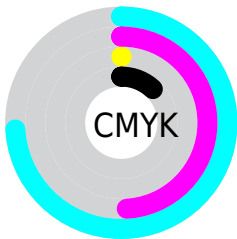
Blue (88%)



Red (23%)

Yellow (39%)

Blue (88%)

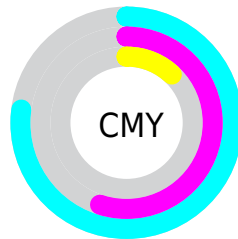


Cyan (74%)

Magenta (49%)

Yellow (0%)

Black (12%)



Cyan (77%)

Magenta (55%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Android color 4282020576 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 4282020576 by changing the saturation by 10% instead.

 4282020576

 4282020576

4294967295

 4278213316

 4286490111

 4278207400

 4288528639

 4278201997

 4290501887

 4278197107

 4292540671

 4278190169

 4294508543

 4278191937

 4278190890

 4278190356

 4278190080

■ 4282020576

■ 4282020576

■ 4280574944

■ 4283466208

■ 4279063776

■ 4284977376

■ 4278209760

■ 4286423008

■ 4287933920

■ 4289379552

■ 4290825184

■ 4292336352

■ 4293781984

■ 4294965472

Harmonies

Analogous

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



4278224098



4282020576



4288698561

Triad

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



4282020576



4291187494



4278226525

Complementary

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



4282020576



4292913210

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.



4280846372



4282020576



4288834560

Square

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



4282020576



4292295769



4285627904



4278226838

Rectangle

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



4282020576



4290921890



4285627904



4278225994

Sweetspot

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



4282020576



4291287807



4282048678



4284377728



4278190080



4286611584

Same Dimension

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



4282020576



4280052223



4283644640



4284836208



4278205360



4278194224

Inverse Universe

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



4292885106



4294909033



4291289146



4285556073



4289724475



4281335824

Previews

White Background



This preview shows how the Android color 4282020576 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 4282020576 looks on a black 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

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

Android 4282020576 Background



This preview shows how black text looks on a background with the Android color 4282020576.



This preview shows how white text looks on a background with the Android color 4282020576.

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
4282020576

Protanopia
4281955040

Deuteranopia
4278221011

Trichromacy



Original Color
4282020576

Protanomaly
4281955040

Deuteranomaly
4279596760

Tritanomaly
4279598507

Monochromacy



Original Color
4282020576

Achromatopsia
4285427310

Achromatomaly
4284182423

CSS Examples

Text

The CSS property to change the color of the text to Android 4282020576 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, 114, 224)` looks like.

```
.text, #text, p{  
    color:rgb(58, 114, 224)  
}
```

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, 114, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 114, 224) }
```

Border

The CSS property to change the border of an element to Android 4282020576 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, 114, 224) }
```

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

```
.border{ border-color:rgb(58, 114, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 114, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 114, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 114, 224);  
box-shadow:4px 4px 4px 4px rgb(58, 114,  
224) }
```

Background

The CSS property to change the background color of an element to Android 4282020576 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 114, 224) }
```

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

```
.background{ background-color: rgb(58, 114,  
224) }
```

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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