

Converting Colors

Decimal(422333)

Have a look what the booklet for
Decimal(422333) contains.

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Color

Decimal(422333)

Conversions

Conversions Part 1

Format	Color
Hex	0671BD
RGB	6, 113, 189
RGB Percent	2%, 44%, 74%
CMY	0.9765, 0.5569, 0.2588
CMYK	0.97, 0.40, 0.00, 0.26
HSL	205°, 94%, 38%
HSV	205°, 97%, 74%
XYZ	15.1655, 15.5231, 50.3411
YIQ	89.6710, -88.1680, 0.9520

Conversions

Conversions Part 2

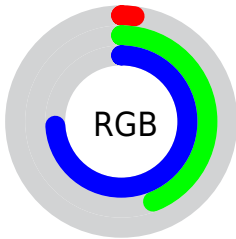
Format	Color
R _Y B	6, 74, 189
Decimal	422333
CIE Lab	46.34, 2.47, -47.16
CIE LCh	46, 47.228, 273.003
Yxy	15.5231, 0.1872, 0.1916
Android (android.graphics.Color)	4278612413 (0xFF0671BD)
YUV	89.6710, 48.9692, -73.3795
Hunter-Lab	39.3994, -0.2409, -48.1760

Details

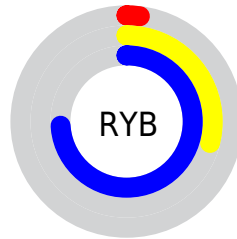
The Decimal color **422333** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **12407302**, and the grayscale version is **5855577**.

A 20% lighter version of the original color is **6333686**, and **17031** is the 20% darker color. If you saturate the color by 10%, you get **28605**, and if you desaturate by 10%, it is **1669565**.

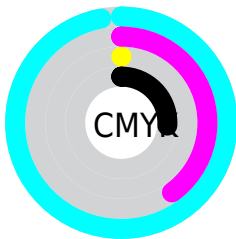
Distribution



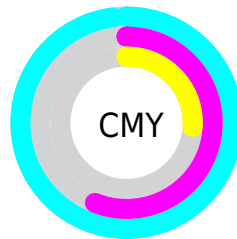
- Red (2%)
- Green (44%)
- Blue (74%)



- Red (2%)
- Yellow (29%)
- Blue (74%)



- Cyan (97%)
- Magenta (40%)
- Yellow (0%)
- Black (26%)



- Cyan (98%)
- Magenta (56%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 422333 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 Decimal color 422333 by changing the saturation by 10% instead.

■ 422333 ■ 422333

16777215 ■ 22946

■ 6333686 ■ 17031

■ 8372223 ■ 11629

■ 10345471 ■ 6484

■ 12318719 ■ 1597

■ 14286847 ■ 550

■ 16318463 ■ 271

■ 0

■ 422333 ■ 422333

■ 28605

■ 1669565

■ 2916797

■ 4164029

■ 5411005

■ 6658237

■ 7839933

■ 9087165

■ 10334397

■ 11581629

Harmonies

Analogous

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



31668



422333



7627441

Triad

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



422333



11685701



1080904

Complementary

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



422333



12407302

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.



5666854



422333



10444325

Square

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



422333



11880555



8350998



33137

Rectangle

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



422333



9787038



8350998



3308604

Sweetspot

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



422333



11458549



441679



5269882



16448250



8026746

Same Dimension

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



422333



36853



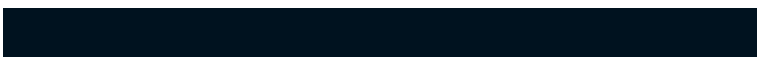
399549



5593694



23710



4639

Inverse Universe

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



12387953



16056463



12430086



6182234



10354780



2031634

Previews

White Background



This preview shows how the Decimal color 422333 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 Decimal color 422333 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](#).

Decimal 422333 Background



This preview shows how black text looks on a background with the Decimal color 422333.



This preview shows how white text looks on a background with the Decimal color 422333.

Color Blindness Simulation

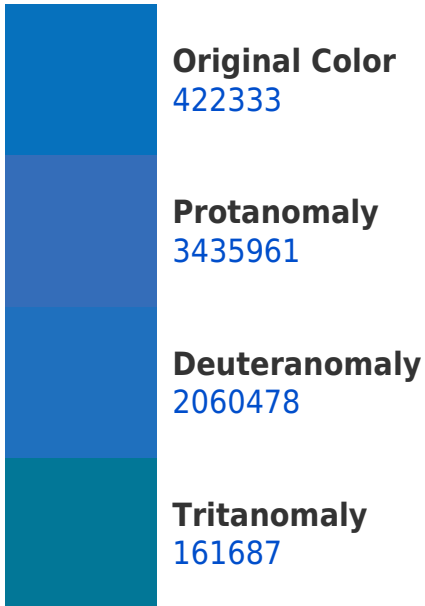
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy





Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 422333 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 #0671BD looks like.

```
.text, #text, p{  
    color:#0671BD  
}
```

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 #0671BD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0671BD
}
```

Border

The CSS property to change the border of an element to Decimal 422333 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
#0671BD }
```

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

```
.border{ border-color:#0671BD }
```

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

Here you see how a box with a 4 pixel #0671BD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0671BD; -webkit-box-shadow:4px 4px  
4px 4px #0671BD; box-shadow:4px 4px 4px  
4px #0671BD }
```

Background

The CSS property to change the background color of an element to Decimal 422333 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0671BD }
```

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

```
.background{ background-color:#0671BD }
```

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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