

Converting Colors

Decimal(2322606)

Have a look what the booklet for
Decimal(2322606) contains.

Decimal(2322606)	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

Decimal(2322606)

Conversions

Conversions Part 1

Format	Color
Hex	2370AE
RGB	35, 112, 174
RGB Percent	14%, 44%, 68%
CMY	0.8627, 0.5608, 0.3176
CMYK	0.80, 0.36, 0.00, 0.32
HSL	207°, 67%, 41%
HSV	207°, 80%, 68%
XYZ	14.1273, 15.0017, 42.1954
YIQ	96.0450, -65.7940, 2.9580

Conversions

Conversions Part 2

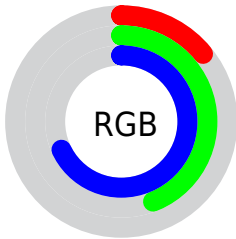
Format	Color
R_{YB}	35, 85, 174
Decimal	2322606
CIE _{Lab}	45.64, -0.82, -39.54
CIE _{LCh}	46, 39.552, 268.815
Yxy	15.0017, 0.1981, 0.2103
Android (android.graphics.Color)	4280512686 (0xFF2370AE)
YUV	96.0450, 38.4318, -53.5365
Hunter-Lab	38.7320, -2.6740, -37.4794

Details

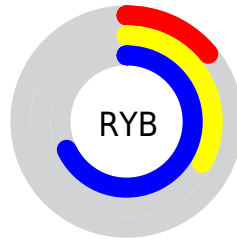
The Decimal color **2322606** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **11428131**, and the grayscale version is **6316128**.

A 20% lighter version of the original color is **6726630**, and **16761** is the 20% darker color. If you saturate the color by 10%, you get **1206446**, and if you desaturate by 10%, it is **3438766**.

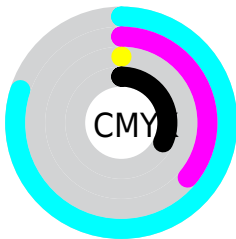
Distribution



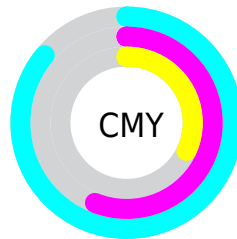
- Red (14%)
- Green (44%)
- Blue (68%)



- Red (14%)
- Yellow (33%)
- Blue (68%)



- Cyan (80%)
- Magenta (36%)
- Yellow (0%)
- Black (32%)



- Cyan (86%)
- Magenta (56%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 2322606 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 2322606 by changing the saturation by 10% instead.

■ 2322606

■ 2322606

16777215

■ 22675

■ 6726630

■ 16761

■ 8634111

■ 11104

■ 10541823

■ 5960

■ 12515327

■ 1073

■ 14417919

■ 283

■ 16383999

■ 0

■ 2322606

■ 2322606

■ 1206446

■ 3438766

■ 24750

■ 4620462

■ 5736366

■ 6918062

■ 8034222

■ 9150382

■ 10331822

■ 11447982

■ 12629678

Harmonies

Analogous

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



30884



2322606



7038118

Triad

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



2322606



11031374



3373640

Complementary

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



2322606



11428131

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.



6255407



2322606



10116660

Square

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



2322606



10964847



8415783



31850

Rectangle

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



2322606



8936344



8415783



4487231

Sweetspot

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



2322606



11324387



2338399



5334131



15921906



7566195

Same Dimension

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



2322606



623331



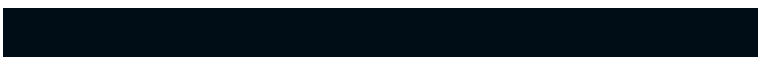
2305198



5133143



21398



3351

Inverse Universe

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



11412336



14879106



11445539



5721683



9830483



1507341

Previews

White Background



This preview shows how the Decimal color 2322606 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 2322606 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 2322606 Background



This preview shows how black text looks on a background with the Decimal color 2322606.



This preview shows how white text looks on a background with the Decimal color 2322606.

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](#).

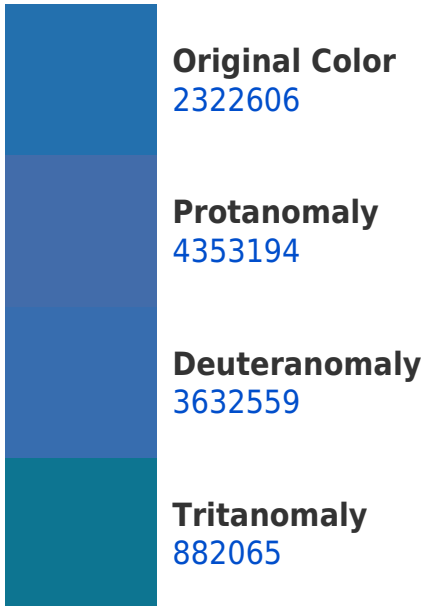
Dichromacy





Tritanopia
30849

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 2322606 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 #2370AE looks like.

```
.text, #text, p{  
  color:#2370AE  
}
```

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 #2370AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2370AE
}
```

Border

The CSS property to change the border of an element to Decimal 2322606 is called "border". The border property can be set on classes, ids or directly on the HTML element.

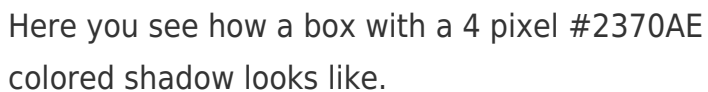
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#2370AE }
```

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

```
.border{ border-color:#2370AE }
```

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



Here you see how a box with a 4 pixel #2370AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2370AE; -webkit-box-shadow:4px 4px  
4px 4px #2370AE; box-shadow:4px 4px 4px  
4px #2370AE }
```

Background

The CSS property to change the background color of an element to Decimal 2322606 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2370AE }
```

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

```
.background{ background-color:#2370AE }
```

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