

Converting Colors

Hex(571370)

Have a look what the booklet for
Hex(571370) contains.

Hex(571370)	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

Hex(571370)

Conversions

Conversions Part 1

Format	Color
Hex	571370
RGB	87, 19, 112
RGB Percent	34%, 7%, 44%
CMY	0.6588, 0.9255, 0.5608
CMYK	0.22, 0.83, 0.00, 0.56
HSL	284°, 71%, 26%
HSV	284°, 83%, 44%
XYZ	7.0880, 3.6618, 15.6625
YIQ	49.9340, 10.6750, 43.3390

Conversions

Conversions Part 2

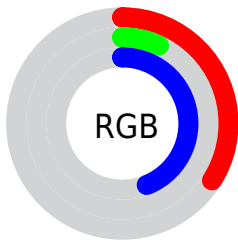
Format	Color
R_{YB}	87, 19, 112
Decimal	5706608
CIE _{Lab}	22.52, 44.42, -38.38
CIE _{LCh}	23, 58.704, 319.175
Yxy	3.6618, 0.2684, 0.1386
Android (android.graphics.Color)	4283896688 (0xFF571370)
YUV	49.9340, 30.5985, 32.5069
Hunter-Lab	19.1359, 32.6289, -35.1328

Details

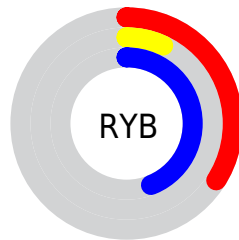
The Hex color **571370** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **2C7013**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **8C47A4**, and **26003F** is the 20% darker color. If you saturate the color by 10%, you get **540870**, and if you desaturate by 10%, it is **5A1E70**.

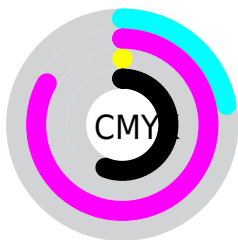
Distribution



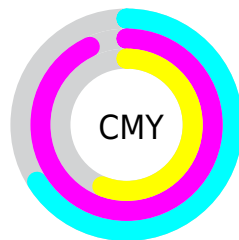
- Red (34%)
- Green (7%)
- Blue (44%)



- Red (34%)
- Yellow (7%)
- Blue (44%)



- Cyan (22%)
- Magenta (83%)
- Yellow (0%)
- Black (56%)



- Cyan (66%)
- Magenta (93%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 571370 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 Hex color 571370 by changing the saturation by 10% instead.

■ 571370

■ 571370

FFFFFF

■ 3D0057

■ 8C47A4

■ 26003F

■ A861C0

■ 000028

■ C47BDC

■ 000112

■ E096F9

■ 000000

■ FEB1FF

■ FFCDFE

■ FFEAFF

■ 571370

■ 571370

■ 540870

■ 5A1E70

■ 520070

■ 5D2970

■ 603570

■ 634070

■ 664B70

■ 695670

■ 6C6170

■ 6F6D70

■ 727870

Harmonies

Analogous

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



00328A



571370



780048

Triad

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



571370



502E00



004752

Complementary

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



571370



2C7013

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.



004524



571370



283C00

Square

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



571370



6D1100



004300



004678

Rectangle

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



571370



7E002B



004300



004643

Sweetspot

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



571370



886D91



132D70



44344A



C9C9C9



4A4A4A

Same Dimension

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



571370



6A0091



70135C



373238



580078



B500F7

Inverse Universe

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



70132C



910027



137027



383234



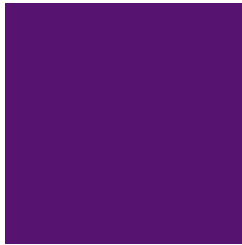
780020



F70042

Previews

White Background



This preview shows how the Hex color 571370 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

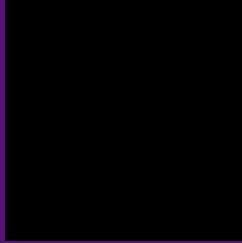
Any Text WCAG AA × Fail

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](#).

Hex 571370 Background



This preview shows how black text looks on a background with the Hex color 571370.

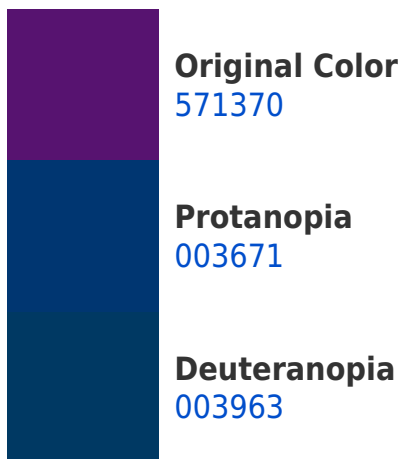


This preview shows how white text looks on a background with the Hex color 571370.

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](#).

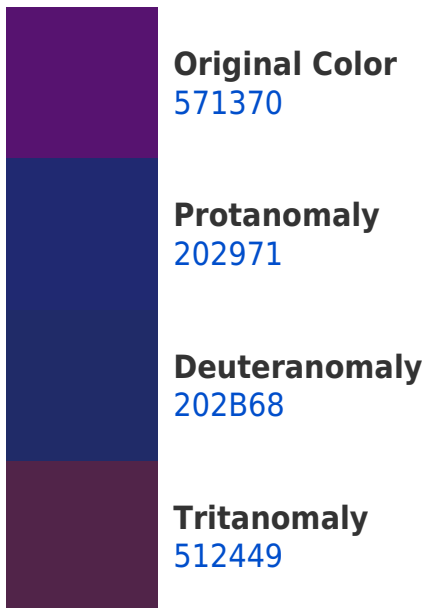
Dichromacy



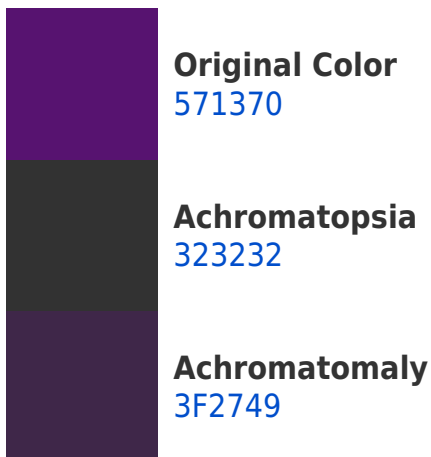


Tritanopia
4E2E32

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 571370 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 #571370 looks like.

```
.text, #text, p{  
    color:#571370  
}
```

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 #571370 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #571370
}
```

Border

The CSS property to change the border of an element to Hex 571370 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
#571370 }
```

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

```
.border{ border-color:#571370 }
```

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

Here you see how a box with a 4 pixel #571370 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #571370; -webkit-box-shadow:4px 4px  
4px 4px #571370; box-shadow:4px 4px 4px  
4px #571370 }
```

Background

The CSS property to change the background color of an element to Hex 571370 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#571370 }
```

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

```
.background{ background-color:#571370 }
```

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