

Converting Colors

Decimal(5713010)

Have a look what the booklet for
Decimal(5713010) contains.

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Color

Decimal(5713010)

Conversions

Conversions Part 1

Format	Color
Hex	572C72
RGB	87, 44, 114
RGB Percent	34%, 17%, 45%
CMY	0.6588, 0.8275, 0.5529
CMYK	0.24, 0.61, 0.00, 0.55
HSL	277°, 44%, 31%
HSV	277°, 61%, 45%
XYZ	7.8684, 5.0425, 16.4782
YIQ	64.8370, 3.1580, 30.8860

Conversions

Conversions Part 2

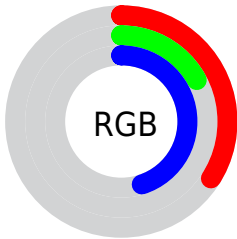
Format	Color
R_{YB}	87, 44, 114
Decimal	5713010
CIE _{Lab}	26.86, 33.19, -32.69
CIE _{LCh}	27, 46.589, 315.435
Yxy	5.0425, 0.2677, 0.1716
Android (android.graphics.Color)	4283903090 (0xFF572C72)
YUV	64.8370, 24.2374, 19.4370
Hunter-Lab	22.4555, 23.2493, -27.7890

Details

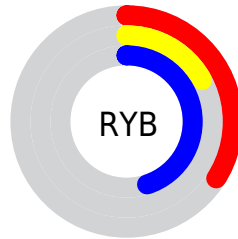
The Decimal color **5713010** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4682284**, and the grayscale version is **4276545**.

A 20% lighter version of the original color is **9133222**, and **2490433** is the 20% darker color. If you saturate the color by 10%, you get **5448050**, and if you desaturate by 10%, it is **5977970**.

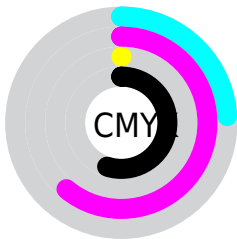
Distribution



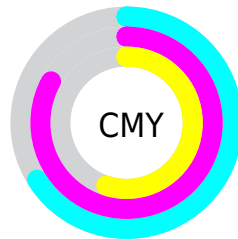
- Red (34%)
- Green (17%)
- Blue (45%)



- Red (34%)
- Yellow (17%)
- Blue (45%)



- Cyan (24%)
- Magenta (61%)
- Yellow (0%)
- Black (55%)



- Cyan (66%)
- Magenta (83%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 5713010 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 5713010 by changing the saturation by 10% instead.

■ 5713010

■ 5713010

16777215

■ 4068697

■ 9133222

■ 2490433

■ 10909122

■ 917547

■ 12750814

■ 277

■ 14592763

■ 0

■ 16500479

■ 16769791

■ 5713010

■ 5713010

■ 5448050

■ 5977970

■ 5117298

■ 6308722

■ 4852338

■ 6573682

■ 4587634

■ 6904434

■ 7169394

■ 7434354

■ 7765106

■ 8030066

■ 8360818

Harmonies

Analogous

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



16005



5713010



7673682

Triad

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



5713010



6108928



20305

Complementary

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



5713010



4682284

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.



20012



5713010



4080384

Square

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



5713010



7546380



739844



20082

Rectangle

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



5713010



8196411



739844



20293

Sweetspot

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



5713010



9075092



2902130



4471370



13224393



4868682

Same Dimension

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



5713010



6956692



7482475



3551800



4849784



9961719

Inverse Universe

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



7482439



9709137



2912819



3682869



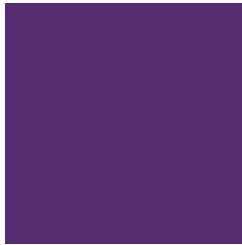
7864366



16187487

Previews

White Background



This preview shows how the Decimal color 5713010 looks on a white background.

Color Contrast Check

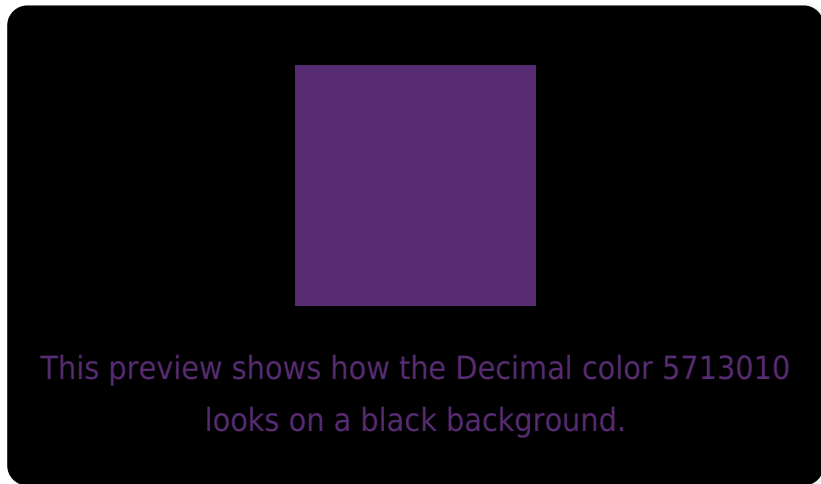
Large Text (above 18pt) WCAG AA ✓ Pass

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

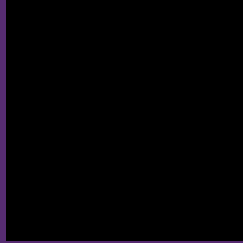
Any Text WCAG AA × Fail

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](#).

Decimal 5713010 Background



This preview shows how black text looks on a background with the Decimal color 5713010.

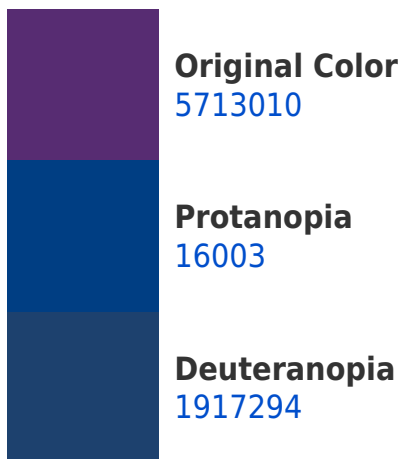


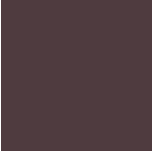
This preview shows how white text looks on a background with the Decimal color 5713010.

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
5192511

Trichromacy



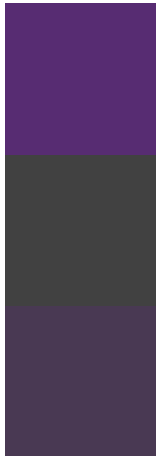
Original Color
5713010

Protanomaly
2111357

Deuteranomaly
3291503

Tritanomaly
5387858

Monochromacy



Original Color
5713010

Achromatopsia
4276545

Achromatomaly
4798803

CSS Examples

Text

The CSS property to change the color of the text to Decimal 5713010 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 #572C72 looks like.

```
.text, #text, p{  
    color:#572C72  
}
```

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 #572C72 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #572C72
}
```

Border

The CSS property to change the border of an element to Decimal 5713010 is called "border". The border property can be set on classes, ids or directly on the HTML element.

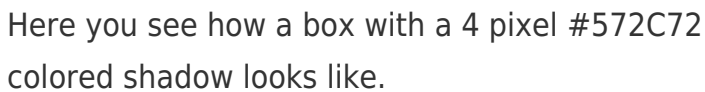
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#572C72 }
```

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

```
.border{ border-color:#572C72 }
```

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



Here you see how a box with a 4 pixel #572C72 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #572C72; -webkit-box-shadow:4px 4px  
4px 4px #572C72; box-shadow:4px 4px 4px  
4px #572C72 }
```

Background

The CSS property to change the background color of an element to Decimal 5713010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#572C72 }
```

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

```
.background{ background-color:#572C72 }
```

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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