

Converting Colors

Decimal(6172051)

Have a look what the booklet for
Decimal(6172051) contains.

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Color

Decimal(6172051)

Conversions

Conversions Part 1

Format	Color
Hex	5E2D93
RGB	94, 45, 147
RGB Percent	37%, 18%, 58%
CMY	0.6314, 0.8235, 0.4235
CMYK	0.36, 0.69, 0.00, 0.42
HSL	269°, 53%, 38%
HSV	269°, 69%, 58%
XYZ	10.8209, 6.3630, 28.2616
YIQ	71.2790, -3.5380, 42.1100

Conversions

Conversions Part 2

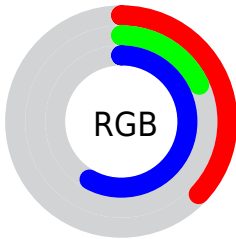
Format	Color
R_{YB}	94, 45, 147
Decimal	6172051
CIE _{Lab}	30.31, 42.72, -47.73
CIE _{LCh}	30, 64.057, 311.827
Yxy	6.3630, 0.2381, 0.1400
Android (android.graphics.Color)	4284362131 (0xFF5E2D93)
YUV	71.2790, 37.3305, 19.9263
Hunter-Lab	25.2251, 32.4283, -48.7697

Details

The Decimal color **6172051** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **6460205**, and the grayscale version is **4671303**.

A 20% lighter version of the original color is **9723594**, and **2621535** is the 20% darker color. If you saturate the color by 10%, you get **5643923**, and if you desaturate by 10%, it is **6700179**.

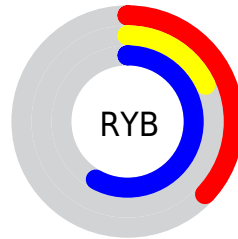
Distribution



Red (37%)

Green (18%)

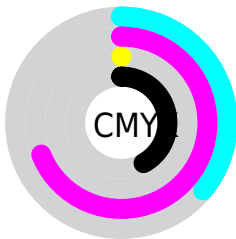
Blue (58%)



Red (37%)

Yellow (18%)

Blue (58%)

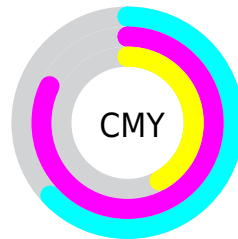


Cyan (36%)

Magenta (69%)

Yellow (0%)

Black (42%)



Cyan (63%)

Magenta (82%)

Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6172051 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 6172051 by changing the saturation by 10% instead.



6172051



6172051

16777215



4396153



9723594



2621535



11565286



1114183



13472767



815



15380223



282



16763647



0



16770815



6172051



6172051



5643923



6700179

■ 5181587

■ 7162515

■ 4653459

■ 7690643

■ 4653203

■ 8218771

■ 8681363

■ 9209235

■ 9671827

■ 10199955

■ 10727827

Harmonies

Analogous

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



18603



6172051



9306216

Triad

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



6172051



7354624



23387

Complementary

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



6172051



6460205

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.



22822



6172051



4606976

Square

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



6172051



9311746



21760



23434

Rectangle

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



6172051



10092615



21760



23369

Sweetspot

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



6172051



11179967



2974611



5523809



14737632



6381921

Same Dimension

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



6172051



7152063



9448851



4604746



4325514



327690

Inverse Universe

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



9645410



12525939



3183405



4866886



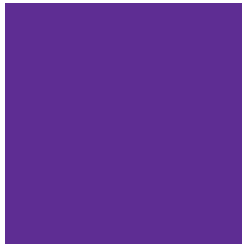
9044040



655365

Previews

White Background



This preview shows how the Decimal color 6172051 looks on a white background.

Color Contrast Check

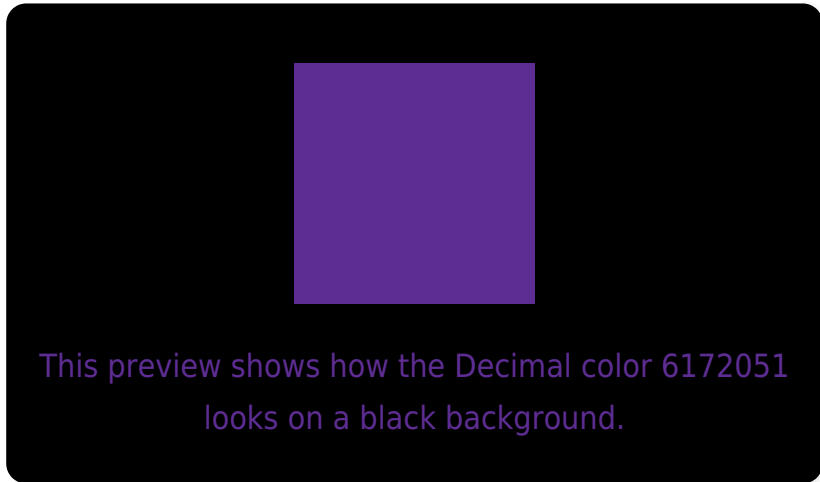
Large Text (above 18pt) WCAG AA ✓ Pass

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

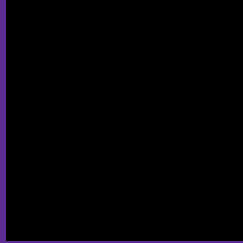
Any Text WCAG AA × Fail

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 6172051 Background



This preview shows how black text looks on a background with the Decimal color 6172051.

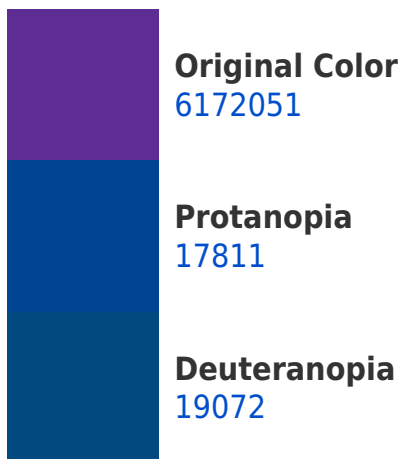


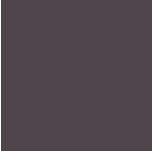
This preview shows how white text looks on a background with the Decimal color 6172051.

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
5195082

Trichromacy



Original Color
6172051

Protanomaly
2243731

Deuteranomaly
2244487

Tritanomaly
5520485

Monochromacy



Original Color
6172051

Achromatopsia
4671303

Achromatomaly
5193315

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6172051 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 #5E2D93 looks like.

```
.text, #text, p{  
    color:#5E2D93  
}
```

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 #5E2D93 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2D93
}
```

Border

The CSS property to change the border of an element to Decimal 6172051 is called "border". The border property can be set on classes, ids or directly on the HTML element.

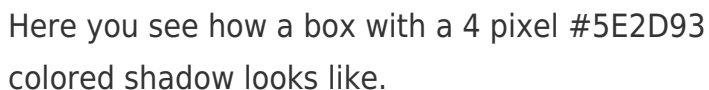
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E2D93 }
```

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

```
.border{ border-color:#5E2D93 }
```

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



Here you see how a box with a 4 pixel #5E2D93 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2D93; -webkit-box-shadow:4px 4px  
4px 4px #5E2D93; box-shadow:4px 4px 4px  
4px #5E2D93 }
```

Background

The CSS property to change the background color of an element to Decimal 6172051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2D93 }
```

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

```
.background{ background-color:#5E2D93 }
```

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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