

Converting Colors

Decimal(6172012)

Have a look what the booklet for
Decimal(6172012) contains.

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Color

Decimal(6172012)

Conversions

Conversions Part 1

Format	Color
Hex	5E2D6C
RGB	94, 45, 108
RGB Percent	37%, 18%, 42%
CMY	0.6314, 0.8235, 0.5765
CMYK	0.13, 0.58, 0.00, 0.58
HSL	287°, 41%, 30%
HSV	287°, 58%, 42%
XYZ	8.2613, 5.3392, 14.7825
YIQ	66.8330, 8.9810, 29.9810

Conversions

Conversions Part 2

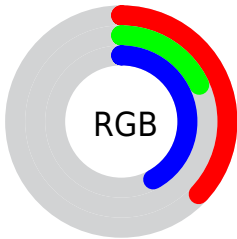
Format	Color
R_{YB}	94, 45, 108
Decimal	6172012
CIE _{Lab}	27.68, 33.21, -27.48
CIE _{LCh}	28, 43.104, 320.389
Yxy	5.3392, 0.2911, 0.1881
Android (android.graphics.Color)	4284362092 (0xFF5E2D6C)
YUV	66.8330, 20.2953, 23.8255
Hunter-Lab	23.1066, 23.3820, -21.7562

Details

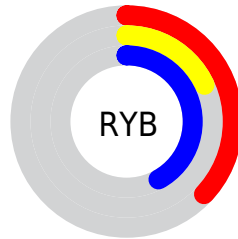
The Decimal color **6172012** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3894317**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **9592224**, and **2949180** is the 20% darker color. If you saturate the color by 10%, you get **6038124**, and if you desaturate by 10%, it is **6305900**.

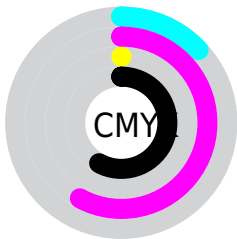
Distribution



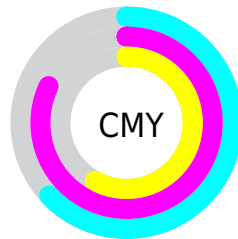
- Red (37%)
- Green (18%)
- Blue (42%)



- Red (37%)
- Yellow (18%)
- Blue (42%)



- Cyan (13%)
- Magenta (58%)
- Yellow (0%)
- Black (58%)



- Cyan (63%)
- Magenta (82%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6172012 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 6172012 by changing the saturation by 10% instead.



6172012



6172012

16777215



4527443



9592224



2949180



11368379



1572902



13210071



271



15117555



0



16762879



16770303



6172012



6172012



6038124



6305900

■ 5838700

■ 6505324

■ 5705068

■ 6638956

■ 5505644

■ 6838380

■ 5505132

■ 6972268

■ 7106156

■ 7305580

■ 7439212

■ 7638636

Harmonies

Analogous

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



2506112



6172012



7741005

Triad

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



6172012



5848064



20568

Complementary

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



6172012



3894317

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.



20277



6172012



3884544

Square

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



6172012



7286029



544019



20084

Rectangle

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



6172012



8068151



544019



20556

Sweetspot

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



6172012



8876940



2964588



4470855



13092807



4671303

Same Dimension

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



6172012



7744140



7089499



3420214



5963893



12452085

Inverse Universe

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



7089467



9185856



2976830



3551281



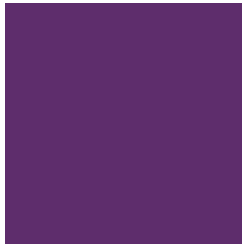
7667738



16056374

Previews

White Background



This preview shows how the Decimal color 6172012 looks on a white background.

Color Contrast Check

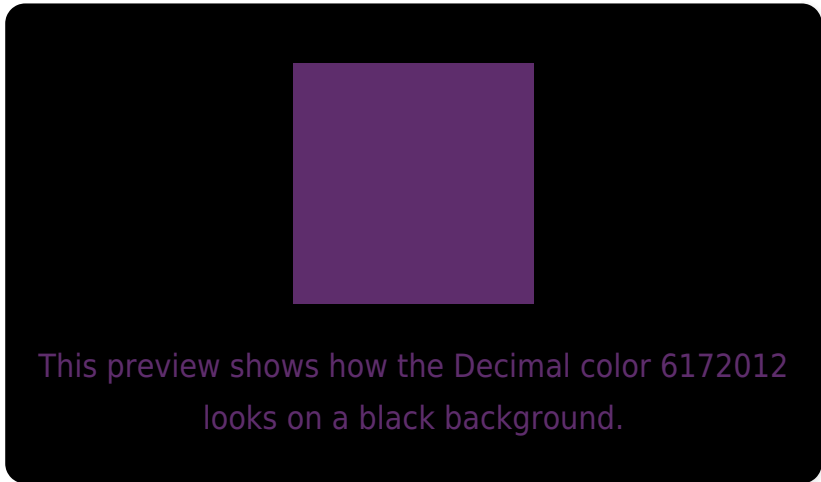
Large Text (above 18pt) WCAG AA ✓ Pass

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

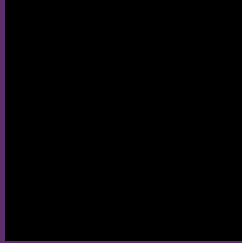
Any Text WCAG AA × Fail

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 6172012 Background



This preview shows how black text looks on a background with the Decimal color 6172012.



This preview shows how white text looks on a background with the Decimal color 6172012.

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
5782078

Trichromacy



Original Color
6172012

Protanomaly
3553655

Deuteranomaly
4143721

Tritanomaly
5911887

Monochromacy



Original Color
6172012

Achromatopsia
4408131

Achromatomaly
5061458

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6172012 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 #5E2D6C looks like.

```
.text, #text, p{  
    color:#5E2D6C  
}
```

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 #5E2D6C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E2D6C
}
```

Border

The CSS property to change the border of an element to Decimal 6172012 is called "border". The border property can be set on classes, ids or directly on the HTML element.

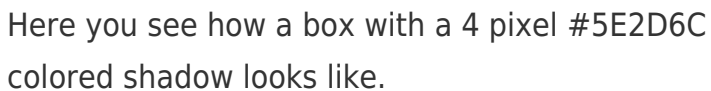
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E2D6C }
```

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

```
.border{ border-color:#5E2D6C }
```

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



Here you see how a box with a 4 pixel #5E2D6C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E2D6C; -webkit-box-shadow:4px 4px  
4px 4px #5E2D6C; box-shadow:4px 4px 4px  
4px #5E2D6C }
```

Background

The CSS property to change the background color of an element to Decimal 6172012 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E2D6C }
```

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

```
.background{ background-color:#5E2D6C }
```

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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