

Converting Colors

Decimal(6232101)

Have a look what the booklet for
Decimal(6232101) contains.

Decimal(6232101)	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(6232101)

Conversions

Conversions Part 1

Format	Color
Hex	5F1825
RGB	95, 24, 37
RGB Percent	37%, 9%, 15%
CMY	0.6275, 0.9059, 0.8549
CMYK	0.00, 0.75, 0.61, 0.63
HSL	349°, 60%, 23%
HSV	349°, 75%, 37%
XYZ	5.3799, 3.2197, 2.0882
YIQ	46.7110, 38.1430, 19.0950

Conversions

Conversions Part 2

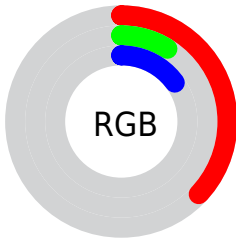
Format	Color
R_YB	95, 24, 37
Decimal	6232101
CIE Lab	20.90, 32.91, 10.09
CIE LCh	21, 34.423, 17.048
Yxy	3.2197, 0.5034, 0.3013
Android (android.graphics.Color)	4284422181 (0xFF5F1825)
YUV	46.7110, -4.7875, 42.3495
Hunter-Lab	17.9436, 22.1167, 5.6607

Details

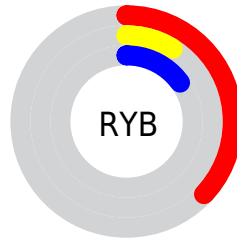
The Decimal color **6232101** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **1597266**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **9783633**, and **3014657** is the 20% darker color. If you saturate the color by 10%, you get **6229789**, and if you desaturate by 10%, it is **6234669**.

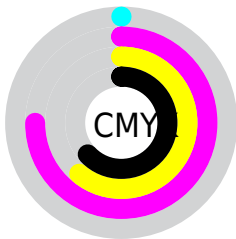
Distribution



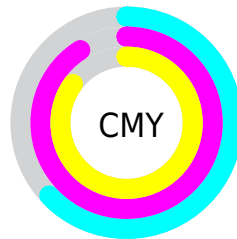
- Red (37%)
- Green (9%)
- Blue (15%)



- Red (37%)
- Yellow (9%)
- Blue (15%)



- Cyan (0%)
- Magenta (75%)
- Yellow (61%)
- Black (63%)



- Cyan (63%)
- Magenta (91%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6232101 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 6232101 by changing the saturation by 10% instead.



6232101



6232101

16777215



4522000



9783633



3014657



11690601



0



13532291



15505053



16757175



16764371



16771823



6232101



6232101

■ 6229789

■ 6234669

■ 6227221

■ 6236981

■ 6225937

■ 6239548

■ 6241860

■ 6244428

■ 6246740

■ 6249307

■ 6251619

■ 6254187

Harmonies

Analogous

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



5904702



6232101



5775885

Triad

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



6232101



1063692



14436

Complementary

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



6232101



1597266

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.



15703



6232101



15654

Square

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



6232101



3224832



15936



1519715

Rectangle

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



6232101



5122560



15936



14945

Sweetspot

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



6232101



8019812



5380191



4009264



12434877



4013373

Same Dimension

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



6232101



7998496



6237720



3157036



7340053



15728684

Inverse Universe

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



6232101



7998496



1591647



3157036



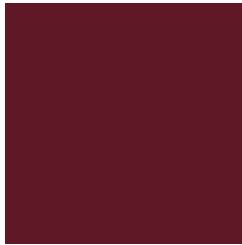
7340053



15728684

Previews

White Background



This preview shows how the Decimal color 6232101 looks on a white background.

Color Contrast Check

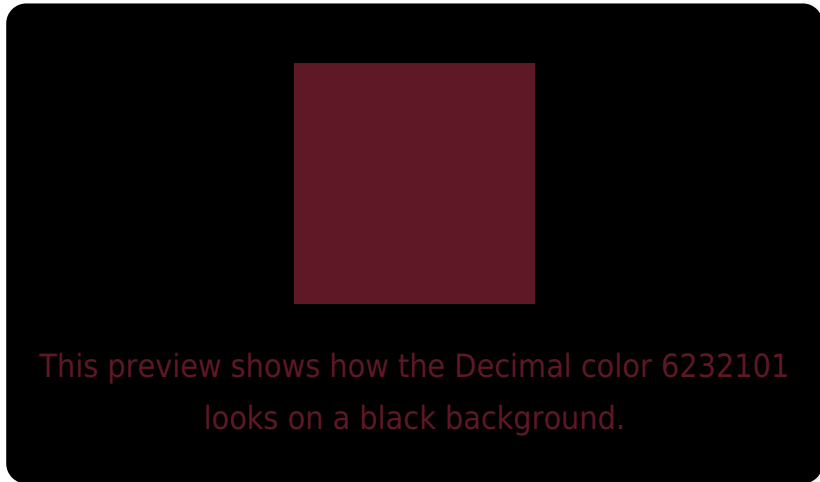
Large Text (above 18pt) WCAG AA ✓ Pass

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

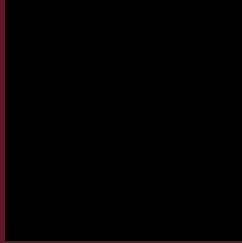
Any Text WCAG AA × Fail

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 6232101 Background



This preview shows how black text looks on a background with the Decimal color 6232101.



This preview shows how white text looks on a background with the Decimal color 6232101.

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



Original Color
6232101

Protanopia
3486769

Deuteranopia
4141601



Tritanopia
6232603

Trichromacy



Original Color
6232101

Protanomaly
4467245

Deuteranomaly
4925730

Tritanomaly
6232351

Monochromacy



Original Color
6232101

Achromatopsia
3092271

Achromatomaly
4204331

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6232101 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 #5F1825 looks like.

```
.text, #text, p{  
    color:#5F1825  
}
```

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 #5F1825 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F1825
}
```

Border

The CSS property to change the border of an element to Decimal 6232101 is called "border". The border property can be set on classes, ids or directly on the HTML element.

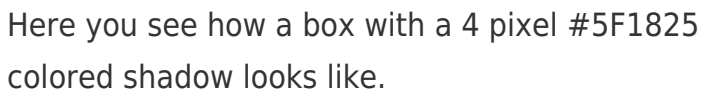
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F1825 }
```

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

```
.border{ border-color:#5F1825 }
```

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



Here you see how a box with a 4 pixel #5F1825 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F1825; -webkit-box-shadow:4px 4px  
4px 4px #5F1825; box-shadow:4px 4px 4px  
4px #5F1825 }
```

Background

The CSS property to change the background color of an element to Decimal 6232101 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F1825 }
```

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

```
.background{ background-color:#5F1825 }
```

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