

Converting Colors

Decimal(6236937)

Have a look what the booklet for
Decimal(6236937) contains.

Decimal(6236937)	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(6236937)

Conversions

Conversions Part 1

Format	Color
Hex	5F2B09
RGB	95, 43, 9
RGB Percent	37%, 17%, 4%
CMY	0.6275, 0.8314, 0.9647
CMYK	0.00, 0.55, 0.91, 0.63
HSL	24°, 83%, 20%
HSV	24°, 91%, 37%
XYZ	5.6325, 4.1804, 0.7685
YIQ	54.6720, 41.9060, 0.4500

Conversions

Conversions Part 2

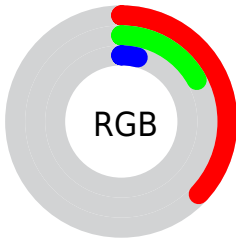
Format	Color
RYB	95, 65, 9
Decimal	6236937
CIELab	24.26, 21.41, 30.83
CIELCh	24, 37.536, 55.231
Yxy	4.1804, 0.5323, 0.3951
Android (android.graphics.Color)	4284427017 (0xFF5F2B09)
YUV	54.6720, -22.5163, 35.3677
Hunter-Lab	20.4460, 13.3932, 12.0837

Details

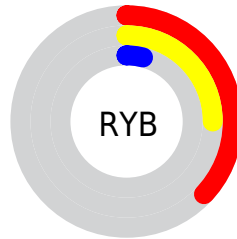
The Decimal color **6236937** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **605535**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **9853494**, and **2818048** is the 20% darker color. If you saturate the color by 10%, you get **6235648**, and if you desaturate by 10%, it is **6238482**.

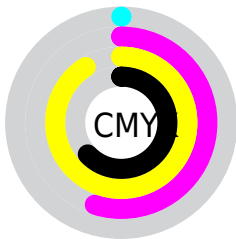
Distribution



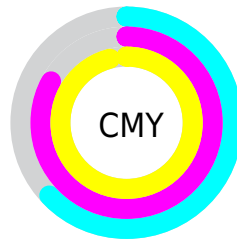
- Red (37%)
- Green (17%)
- Blue (4%)



- Red (37%)
- Yellow (25%)
- Blue (4%)



- Cyan (0%)
- Magenta (55%)
- Yellow (91%)
- Black (63%)



- Cyan (63%)
- Magenta (83%)
- Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6236937 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 6236937 by changing the saturation by 10% instead.

 6236937


 6236937

 16777196

 4527360

 9853494

 2818048

 11760205

 0

 13667430

 15574911

 16761497

 16768692

 16776144

 6236937

 6236937

■ 6235648

■ 6238482

■ 6239772

■ 6241318

■ 6242863

■ 6244409

■ 6245698

■ 6247244

■ 6248789

■ 6250335

Harmonies

Analogous

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



6954787



6236937



4929280

Triad

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



6236937



17972



3093613

Complementary

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



6236937



605535

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.



15986



6236937



18001

Square

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



6236937



17431



17512



5711450

Rectangle

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



6236937



3816704



17512



1390705

Sweetspot

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



6236937



8021593



6228286



4010282



12434877



4013373

Same Dimension

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



6236937



8007680



6247689



3157548



7351296



15752960

Inverse Universe

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



605535



19066



594783



2895664



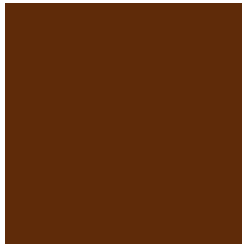
17520



37360

Previews

White Background



This preview shows how the Decimal color 6236937 looks on a white background.

Color Contrast Check

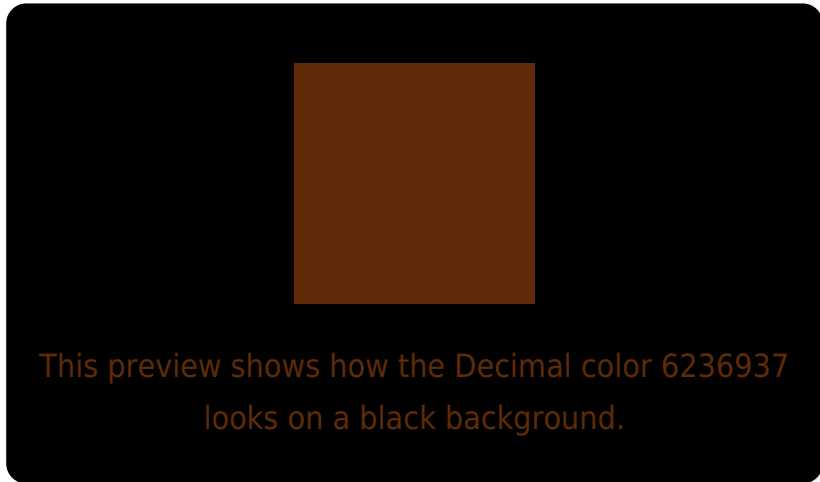
Large Text (above 18pt) WCAG AA ✓ Pass

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

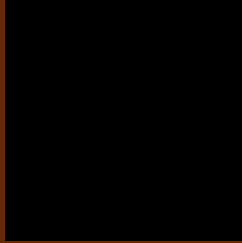
Any Text WCAG AA × Fail

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 6236937 Background



This preview shows how black text looks on a background with the Decimal color 6236937.



This preview shows how white text looks on a background with the Decimal color 6236937.

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
6236937

Protanopia
4340493

Deuteranopia
4864000



Tritanopia
6301739

Trichromacy



Original Color
6236937

Protanomaly
5059852

Deuteranomaly
5387011

Tritanomaly
6301983

Monochromacy



Original Color
6236937

Achromatopsia
3618615

Achromatomaly
4600614

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6236937 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 #5F2B09 looks like.

```
.text, #text, p{  
    color:#5F2B09  
}
```

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 #5F2B09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2B09
}
```

Border

The CSS property to change the border of an element to Decimal 6236937 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".

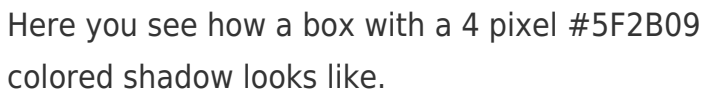
```
.border, #border, table{ border:4px solid
#5F2B09 }
```

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

```
.border{ border-color:#5F2B09 }
```

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

Here you see how a box with a 4 pixel #5F2B09 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2B09; -webkit-box-shadow:4px 4px  
4px 4px #5F2B09; box-shadow:4px 4px 4px  
4px #5F2B09 }
```

Background

The CSS property to change the background color of an element to Decimal 6236937 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2B09 }
```

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

```
.background{ background-color:#5F2B09 }
```

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