

Converting Colors

Decimal(6237222)

Have a look what the booklet for
Decimal(6237222) contains.

Decimal(6237222)	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(6237222)

Conversions

Conversions Part 1

Format	Color
Hex	5F2C26
RGB	95, 44, 38
RGB Percent	37%, 17%, 15%
CMY	0.6275, 0.8275, 0.8510
CMYK	0.00, 0.54, 0.60, 0.63
HSL	6°, 43%, 26%
HSV	6°, 60%, 37%
XYZ	5.9698, 4.3742, 2.3634
YIQ	58.5650, 32.3220, 8.9460

Conversions

Conversions Part 2

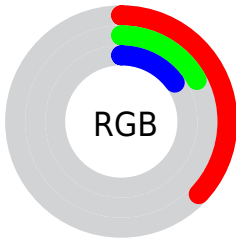
Format	Color
RYB	95, 45, 38
Decimal	6237222
CIELab	24.87, 22.58, 14.68
CIELCh	25, 26.932, 33.027
Yxy	4.3742, 0.4698, 0.3442
Android (android.graphics.Color)	4284427302 (0xFF5F2C26)
YUV	58.5650, -10.1385, 31.9535
Hunter-Lab	20.9146, 14.3504, 7.9404

Details

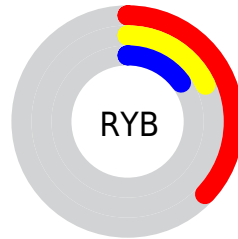
The Decimal color **6237222** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **2513247**, and the grayscale version is **3881787**.

A 20% lighter version of the original color is **9722707**, and **3014656** is the 20% darker color. If you saturate the color by 10%, you get **6235165**, and if you desaturate by 10%, it is **6239536**.

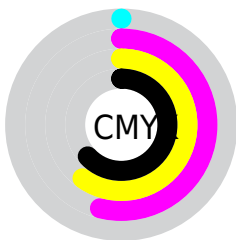
Distribution



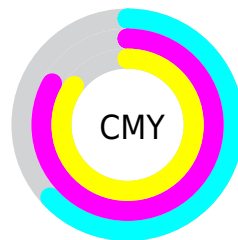
- Red (37%)
- Green (17%)
- Blue (15%)



- Red (37%)
- Yellow (18%)
- Blue (15%)



- Cyan (0%)
- Magenta (54%)
- Yellow (60%)
- Black (63%)



- Cyan (63%)
- Magenta (83%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6237222 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 6237222 by changing the saturation by 10% instead.



6237222



6237222

16777215



4527634



9722707



3014656



11564139



65536



13471364



0



15313310



16762041



16769237



16776689



6237222



6237222

■ 6235165

■ 6239536

■ 6232851

■ 6241593

■ 6230537

■ 6243907

■ 6228480

■ 6245964

■ 6248022

■ 6250335

■ 6252649

■ 6254706

■ 6257020

Harmonies

Analogous

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



6302010



6237222



5583639

Triad

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



6237222



1197096



1457508

Complementary

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



6237222



2513247

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.



16991



6237222



17725

Square

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



6237222



3162135



17745



4142429

Rectangle

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



6237222



4929553



17745



16227

Sweetspot

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



6237222



8021860



6235737



4010288



12434877



4013373

Same Dimension

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



6237222



8006690



6244390



3157036



7343104



15735040

Inverse Universe

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



2513247



2257274



2506079



2895920



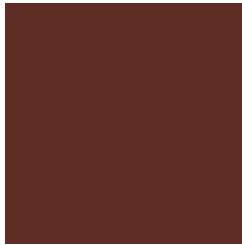
25712



55024

Previews

White Background



This preview shows how the Decimal color 6237222 looks on a white background.

Color Contrast Check

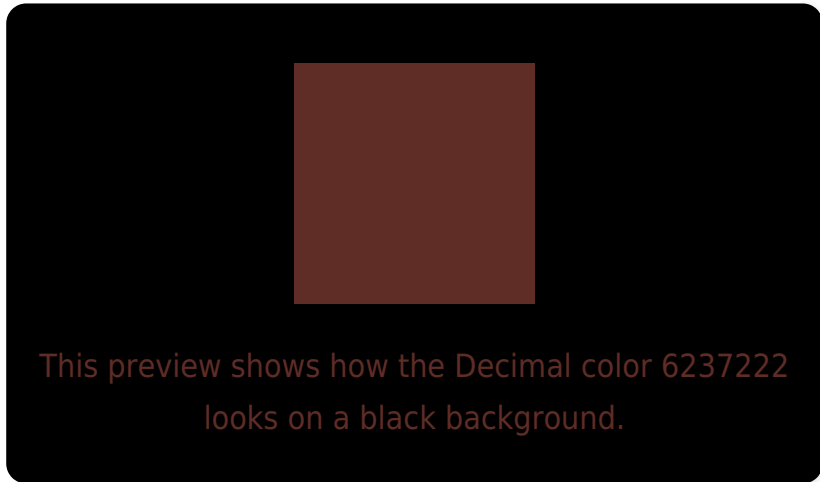
Large Text (above 18pt) WCAG AA ✓ Pass

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

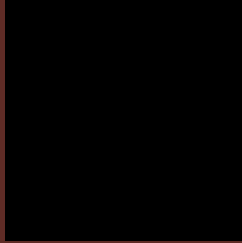
Any Text WCAG AA × Fail

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 6237222 Background



This preview shows how black text looks on a background with the Decimal color 6237222.

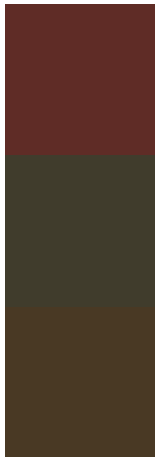


This preview shows how white text looks on a background with the Decimal color 6237222.

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
6237222

Protanopia
4209708

Deuteranopia
4798756

Trichromacy



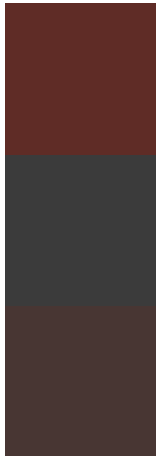
Original Color
6237222

Protanomaly
4929066

Deuteranomaly
5321765

Tritanomaly
6236971

Monochromacy



Original Color
6237222

Achromatopsia
3881787

Achromatomaly
4732467

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6237222 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 #5F2C26 looks like.

```
.text, #text, p{  
    color:#5F2C26  
}
```

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 #5F2C26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F2C26
}
```

Border

The CSS property to change the border of an element to Decimal 6237222 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".

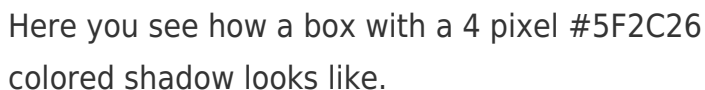
```
.border, #border, table{ border:4px solid
#5F2C26 }
```

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

```
.border{ border-color:#5F2C26 }
```

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

Here you see how a box with a 4 pixel #5F2C26 colored shadow looks like.

A rectangular box with a dark red border and a dark red shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #5F2C26 colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F2C26; -webkit-box-shadow:4px 4px  
4px 4px #5F2C26; box-shadow:4px 4px 4px  
4px #5F2C26 }
```

Background

The CSS property to change the background color of an element to Decimal 6237222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F2C26 }
```

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

```
.background{ background-color:#5F2C26 }
```

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