

Converting Colors

Decimal(6436146)

Have a look what the booklet for
Decimal(6436146) contains.

Decimal(6436146)	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(6436146)

Conversions

Conversions Part 1

Format	Color
Hex	623532
RGB	98, 53, 50
RGB Percent	38%, 21%, 20%
CMY	0.6157, 0.7922, 0.8039
CMYK	0.00, 0.46, 0.49, 0.62
HSL	4°, 32%, 29%
HSV	4°, 49%, 38%
XYZ	6.8858, 5.3732, 3.6918
YIQ	66.1130, 27.7830, 8.6070

Conversions

Conversions Part 2

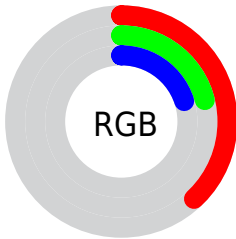
Format	Color
RYB	98, 53, 50
Decimal	6436146
CIELab	27.77, 19.76, 10.74
CIELCh	28, 22.491, 28.515
Yxy	5.3732, 0.4317, 0.3369
Android (android.graphics.Color)	4284626226 (0xFF623532)
YUV	66.1130, -7.9437, 27.9649
Hunter-Lab	23.1801, 12.4597, 6.7831

Details

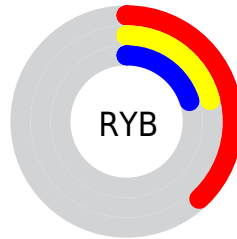
The Decimal color **6436146** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3301218**, and the grayscale version is **4342338**.

A 20% lighter version of the original color is **9921632**, and **3213571** is the 20% darker color. If you saturate the color by 10%, you get **6433832**, and if you desaturate by 10%, it is **6438460**.

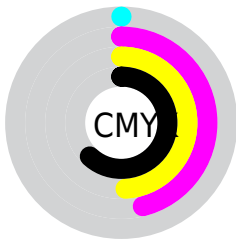
Distribution



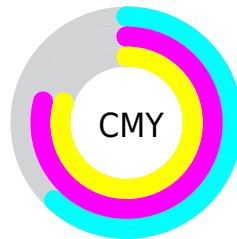
- Red (38%)
- Green (21%)
- Blue (20%)



- Red (38%)
- Yellow (21%)
- Blue (20%)



- Cyan (0%)
- Magenta (46%)
- Yellow (49%)
- Black (62%)



- Cyan (62%)
- Magenta (79%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6436146 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 6436146 by changing the saturation by 10% instead.



6436146



6436146

16777215



4792093



9921632



3213571



11697785



1441792



13539475



0



15446957



16764617



16772069



6436146



6436146



6433832



6438460

■ 6431518

■ 6440774

■ 6428949

■ 6443343

■ 6426635

■ 6445657

■ 6424321

■ 6447971

■ 6424064

■ 6450285

■ 6452599

■ 6455168

■ 6457482

Harmonies

Analogous

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



6370371



6436146



5978661

Triad

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



6436146



2509103



2376804

Complementary

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



6436146



3301218

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.



18527



6436146



477760

Square

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



6436146



3949858



19025



4341088

Rectangle

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



6436146



5389855



19025



1525091

Sweetspot

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



6436146



8416876



6435424



4207924



12566463



4210752

Same Dimension

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



6436146



8403252



6442034



3157036



7341824



15732480

Inverse Universe

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



3301218



3439488



3295330



2895920



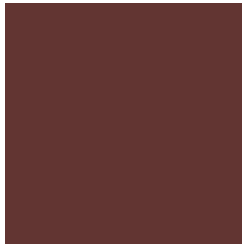
26992



57840

Previews

White Background



This preview shows how the Decimal color 6436146 looks on a white background.

Color Contrast Check

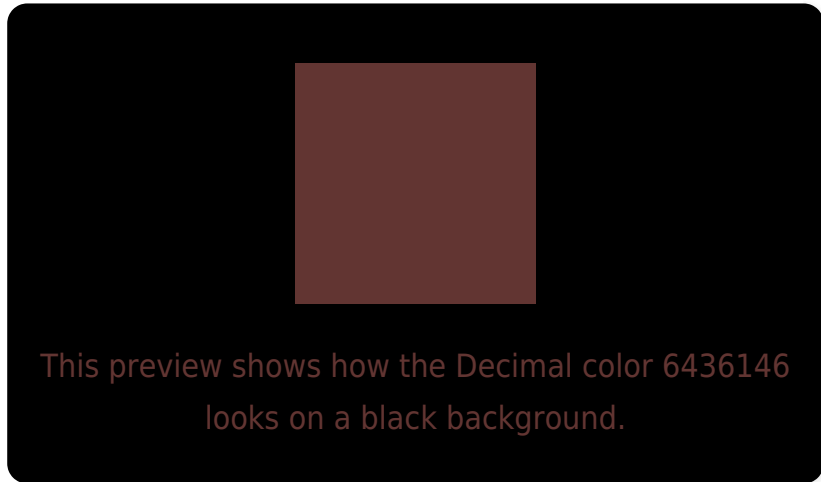
Large Text (above 18pt) WCAG AA ✓ Pass

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

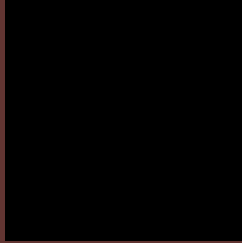
Any Text WCAG AA × Fail

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 6436146 Background



This preview shows how black text looks on a background with the Decimal color 6436146.

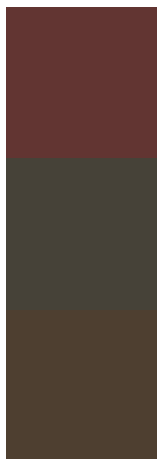


This preview shows how white text looks on a background with the Decimal color 6436146.

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
6436146

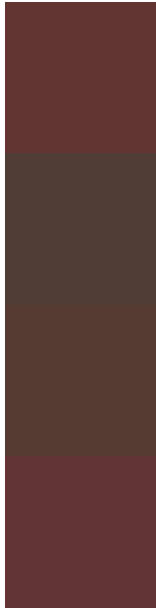
Protanopia
4604472

Deuteranopia
5127984



Tritanopia
6435896

Trichromacy



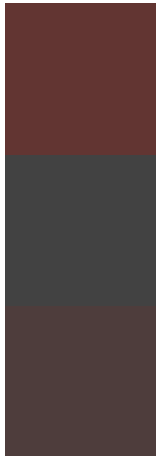
Original Color
6436146

Protanomaly
5258550

Deuteranomaly
5585713

Tritanomaly
6435894

Monochromacy



Original Color
6436146

Achromatopsia
4342338

Achromatomaly
5127484

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6436146 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 #623532 looks like.

```
.text, #text, p{  
    color:#623532  
}
```

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 #623532 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #623532
}
```

Border

The CSS property to change the border of an element to Decimal 6436146 is called "border". The border property can be set on classes, ids or directly on the HTML element.

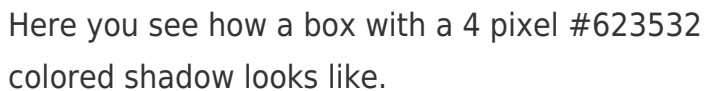
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#623532 }
```

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

```
.border{ border-color:#623532 }
```

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



Here you see how a box with a 4 pixel #623532 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #623532; -webkit-box-shadow:4px 4px  
4px 4px #623532; box-shadow:4px 4px 4px  
4px #623532 }
```

Background

The CSS property to change the background color of an element to Decimal 6436146 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#623532 }
```

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

```
.background{ background-color:#623532 }
```

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