

Converting Colors

Decimal(6436158)

Have a look what the booklet for
Decimal(6436158) contains.

Decimal(6436158)	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(6436158)

Conversions

Conversions Part 1

Format	Color
Hex	62353E
RGB	98, 53, 62
RGB Percent	38%, 21%, 24%
CMY	0.6157, 0.7922, 0.7569
CMYK	0.00, 0.46, 0.37, 0.62
HSL	348°, 30%, 30%
HSV	348°, 46%, 38%
XYZ	7.1796, 5.4907, 5.2388
YIQ	67.4810, 23.9310, 12.3390

Conversions

Conversions Part 2

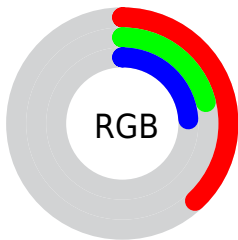
Format	Color
RYB	98, 53, 62
Decimal	6436158
CIELab	28.09, 21.32, 3.27
CIELCh	28, 21.570, 8.729
Yxy	5.4907, 0.4009, 0.3066
Android (android.graphics.Color)	4284626238 (0xFF62353E)
YUV	67.4810, -2.7021, 26.7652
Hunter-Lab	23.4322, 13.6859, 3.1468

Details

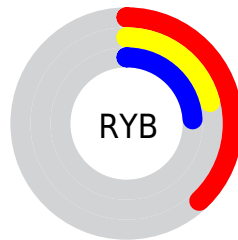
The Decimal color **6436158** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3498585**, and the grayscale version is **4408131**.

A 20% lighter version of the original color is **9856365**, and **3213588** is the 20% darker color. If you saturate the color by 10%, you get **6433590**, and if you desaturate by 10%, it is **6438726**.

Distribution



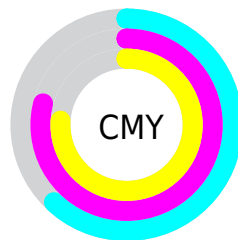
- Red (38%)
- Green (21%)
- Blue (24%)



- Red (38%)
- Yellow (21%)
- Blue (24%)



- Cyan (0%)
- Magenta (46%)
- Yellow (37%)
- Black (62%)



- Cyan (62%)
- Magenta (79%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6436158 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 6436158 by changing the saturation by 10% instead.

6436158

6436158

16777215

4792104

9856365

3213588

11697799

1703937

13539489

0

15381436

16764888

16772084

6436158

6436158

6433590

6438726

■ 6431022

■ 6441294

■ 6428710

■ 6443606

■ 6426143

■ 6446173

■ 6423575

■ 6448741

■ 6422548

■ 6451309

■ 6453877

■ 6456189

■ 6458757

Harmonies

Analogous

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



5977935



6436158



6305838

Triad

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



6436158



3557160



935777

Complementary

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



6436158



3498585

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.



19030



6436158



2181686

Square

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



6436158



4735777



19271



3228259

Rectangle

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



6436158



5978918



19271



18526

Sweetspot

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



6436158



8416881



5846370



4207927



12566463



4210752

Same Dimension

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



6436158



8403271



6439733



3157037



7340054



15728688

Inverse Universe

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



6436158



8403271



3495266



3157037



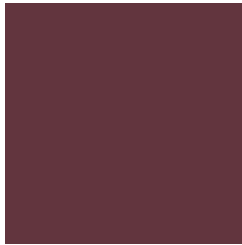
7340054



15728688

Previews

White Background



This preview shows how the Decimal color 6436158 looks on a white background.

Color Contrast Check

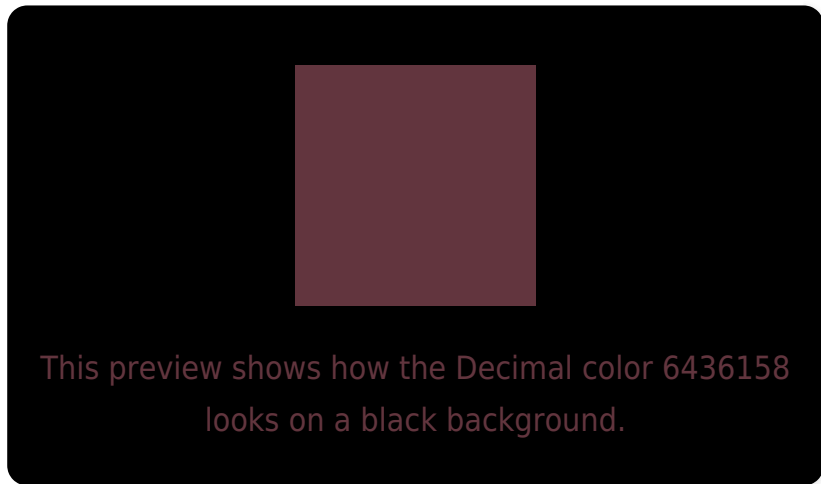
Large Text (above 18pt) WCAG AA ✓ Pass

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

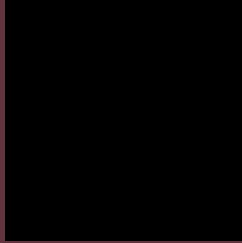
Any Text WCAG AA × Fail

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 6436158 Background



This preview shows how black text looks on a background with the Decimal color 6436158.



This preview shows how white text looks on a background with the Decimal color 6436158.

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
6436158

Protanopia
4407878

Deuteranopia
4997180



Tritanopia
6436410

Trichromacy



Original Color

6436158

Protanomaly

5127491

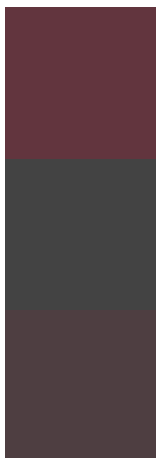
Deuteranomaly

5520445

Tritanomaly

6436411

Monochromacy



Original Color

6436158

Achromatopsia

4408131

Achromatomaly

5127745

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6436158 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 #62353E looks like.

```
.text, #text, p{  
    color:#62353E  
}
```

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 #62353E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #62353E
}
```

Border

The CSS property to change the border of an element to Decimal 6436158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

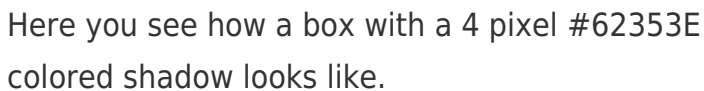
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#62353E }
```

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

```
.border{ border-color:#62353E }
```

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



Here you see how a box with a 4 pixel #62353E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #62353E; -webkit-box-shadow:4px 4px  
4px 4px #62353E; box-shadow:4px 4px 4px  
4px #62353E }
```

Background

The CSS property to change the background color of an element to Decimal 6436158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#62353E }
```

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

```
.background{ background-color:#62353E }
```

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