

Converting Colors

Decimal(6436950)

Have a look what the booklet for
Decimal(6436950) contains.

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Color

Decimal(6436950)

Conversions

Conversions Part 1

Format	Color
Hex	623856
RGB	98, 56, 86
RGB Percent	38%, 22%, 34%
CMY	0.6157, 0.7804, 0.6627
CMYK	0.00, 0.43, 0.12, 0.62
HSL	317°, 27%, 30%
HSV	317°, 43%, 38%
XYZ	8.1309, 6.0969, 9.5524
YIQ	71.9780, 15.4020, 18.2340

Conversions

Conversions Part 2

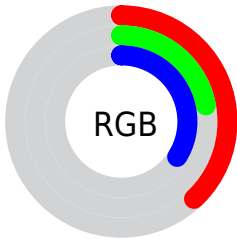
Format	Color
R_{YB}	98, 56, 86
Decimal	6436950
CIE _{Lab}	29.66, 23.52, -10.15
CIE _{LCh}	30, 25.617, 336.654
Yxy	6.0969, 0.3419, 0.2564
Android (android.graphics.Color)	4284627030 (0xFF623856)
YUV	71.9780, 6.9128, 22.8213
Hunter-Lab	24.6919, 15.5681, -5.6527

Details

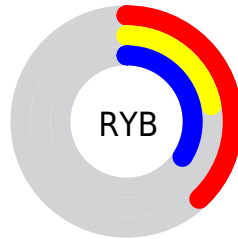
The Decimal color **6436950** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3695172**, and the grayscale version is **4737096**.

A 20% lighter version of the original color is **9857160**, and **3279657** is the 20% darker color. If you saturate the color by 10%, you get **6434387**, and if you desaturate by 10%, it is **6439513**.

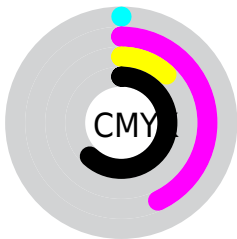
Distribution



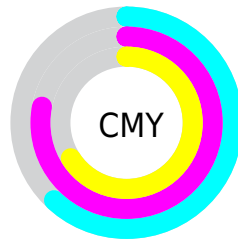
- Red (38%)
- Green (22%)
- Blue (34%)



- Red (38%)
- Yellow (22%)
- Blue (34%)



- Cyan (0%)
- Magenta (43%)
- Yellow (12%)
- Black (62%)



- Cyan (62%)
- Magenta (78%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 6436950 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 6436950 by changing the saturation by 10% instead.

6436950

6436950

16777215

4792639

9857160

3279657

11633058

2097173

13409469

0

15316953

16765941

16773119

6436950

6436950

6434387

6439513

6431824

6442076

6429518

6444382

6426955

6446945

6424392

6449508

6422598

6452071

6454634

6456940

6459503

Harmonies

Analogous

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



5062502



6436950



7025986

Triad

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



6436950



5129757



20317

Complementary

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



6436950



3695172

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.



20554



6436950



3755045

Square

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



6436950



6242081



1920821



19562

Rectangle

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



6436950



7026485



1920821



20567

Sweetspot

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



6436950



8417147



4470882



4208189



12566463



4210752

Same Dimension

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



6436950



8404589



6436929



3157039



7340112



15728811

Inverse Universe

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



6436950



8404589



3695193



3157039



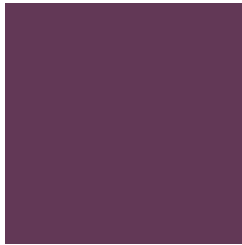
7340112



15728811

Previews

White Background



This preview shows how the Decimal color 6436950 looks on a white background.

Color Contrast Check

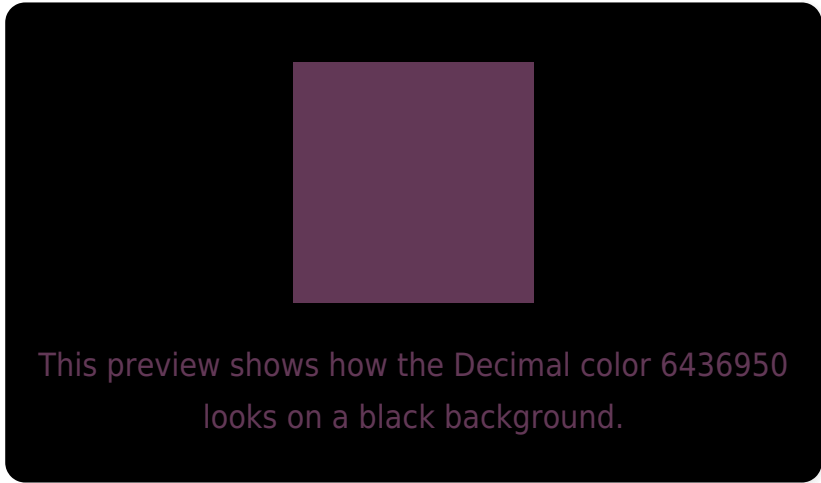
Large Text (above 18pt) WCAG AA ✓ Pass

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

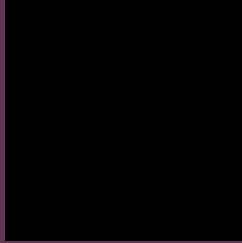
Any Text WCAG AA × Fail

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 6436950 Background



This preview shows how black text looks on a background with the Decimal color 6436950.



This preview shows how white text looks on a background with the Decimal color 6436950.

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
6436950

Protanopia
4146528

Deuteranopia
4670804



Tritanopia
6306881

Trichromacy



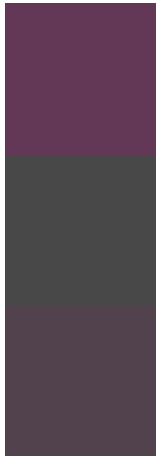
Original Color
6436950

Protanomaly
4997212

Deuteranomaly
5324885

Tritanomaly
6372169

Monochromacy



Original Color
6436950

Achromatopsia
4737096

Achromatomaly
5325389

CSS Examples

Text

The CSS property to change the color of the text to Decimal 6436950 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 #623856 looks like.

```
.text, #text, p{  
    color:#623856  
}
```

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 #623856 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #623856
}
```

Border

The CSS property to change the border of an element to Decimal 6436950 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".

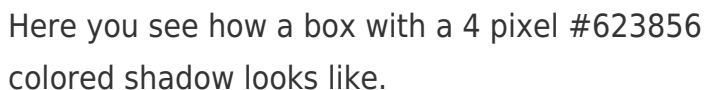
```
.border, #border, table{ border:4px solid
#623856 }
```

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

```
.border{ border-color:#623856 }
```

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

Here you see how a box with a 4 pixel #623856 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangle that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #623856; -webkit-box-shadow:4px 4px  
4px 4px #623856; box-shadow:4px 4px 4px  
4px #623856 }
```

Background

The CSS property to change the background color of an element to Decimal 6436950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#623856 }
```

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

```
.background{ background-color:#623856 }
```

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](#).

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