

# Converting Colors

Decimal(997718)

Have a look what the booklet for  
Decimal(997718) contains.

|  |    |
|--|----|
| <b>Decimal(997718)</b> .....                   | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

# Color

**Decimal(997718)**

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 0F3956                    |
| RGB         | 15, 57, 86                |
| RGB Percent | 6%, 22%, 34%              |
| CMY         | 0.9412, 0.7765, 0.6627    |
| CMYK        | 0.83, 0.34, 0.00, 0.66    |
| HSL         | 205°, 70%, 20%            |
| HSV         | 205°, 83%, 34%            |
| XYZ         | 3.3398, 3.6997, 9.3422    |
| YIQ         | 47.7480, -34.3410, 0.1150 |

# Conversions

## Conversions Part 2

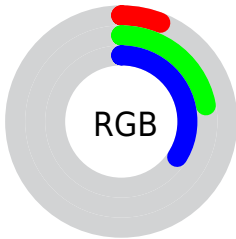
| Format                              | Color                         |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 15, 41, 86                    |
| Decimal                             | 997718                        |
| CIE Lab                             | 22.65, -2.84, -21.57          |
| CIE LCh                             | 23, 21.755, 262.506           |
| Yxy                                 | 3.6997, 0.2039,<br>0.2258     |
| Android<br>(android.graphics.Color) | 4279187798<br>(0xFF0F3956)    |
| YUV                                 | 47.7480, 18.8582,<br>-28.7200 |
| Hunter-Lab                          | 19.2346, -2.6663,<br>-15.3327 |

# Details

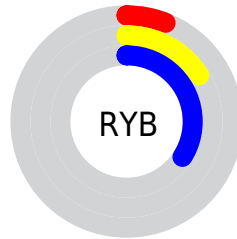
The Decimal color **997718** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5647375**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **4614280**, and **3625** is the 20% darker color. If you saturate the color by 10%, you get **406870**, and if you desaturate by 10%, it is **1588566**.

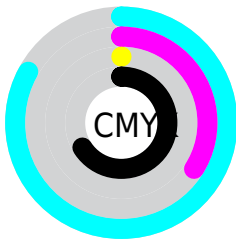
# Distribution



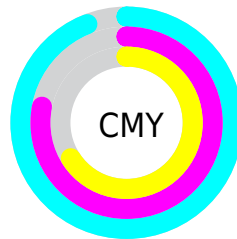
- Red (6%)
- Green (22%)
- Blue (34%)



- Red (6%)
- Yellow (16%)
- Blue (34%)



- Cyan (83%)
- Magenta (34%)
- Yellow (0%)
- Black (66%)



- Cyan (94%)
- Magenta (78%)
- Yellow (66%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 997718 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 997718 by changing the saturation by 10% instead.





997718



997718

16777215



9279



4614280



3625



6259106



275



8035261



0



9746137



11588086



13430271



15335423



997718



997718

■ 406870

■ 1588566

■ 13142

■ 2113622

■ 2704470

■ 3229526

■ 3820374

■ 4410966

■ 4936278

■ 5526870

■ 6052182

# Harmonies

## Analogous

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



15695



997718



3224404

# Triad

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



997718



5581099



2178082

# Complementary

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



997718



5647375

# 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.



3422487



997718



5189149

# Square

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



997718



5384507



4404245



146993

# Rectangle

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



997718



4206414



4404245



2571037



# Sweetspot

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



997718



5530992



1005099



2568504



12105912



3684408



# Same Dimension

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



997718



82800



988758



2566699



16235



35819



# Inverse Universe

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



5639993



7340355



5656335



2828074



7012415



15401099



# Previews

## White Background



This preview shows how the Decimal color 997718 looks on a white background.

### Color Contrast Check

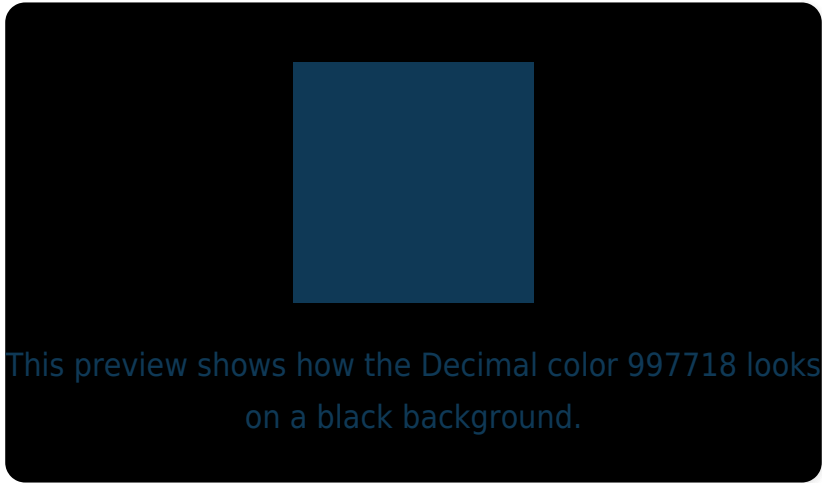
Large Text (above 18pt) WCAG AA ✓ Pass

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

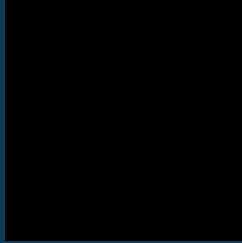
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 997718 Background



This preview shows how black text looks on a background with the Decimal color 997718.



This preview shows how white text looks on a background with the Decimal color 997718.

# 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**  
997718

**Protanopia**  
2897235

**Deuteranopia**  
2373207



# Trichromacy



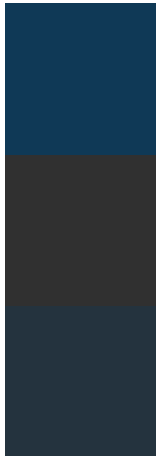
**Original Color**  
997718

**Protanomaly**  
2176596

**Deuteranomaly**  
1849175

**Tritanomaly**  
342857

# Monochromacy



**Original Color**  
997718

**Achromatopsia**  
3158064

**Achromatomaly**  
2372414

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 997718 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 #0F3956 looks like.

```
.text, #text, p{  
    color:#0F3956  
}
```

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 #0F3956 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0F3956
}
```

## Border

The CSS property to change the border of an element to Decimal 997718 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
#0F3956 }
```

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

```
.border{ border-color:#0F3956 }
```

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

Here you see how a box with a 4 pixel #0F3956 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0F3956; -webkit-box-shadow:4px 4px  
4px 4px #0F3956; box-shadow:4px 4px 4px  
4px #0F3956 }
```

# Background

The CSS property to change the background color of an element to Decimal 997718 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0F3956 }
```

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

```
.background{ background-color:#0F3956 }
```

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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