

Converting Colors

Decimal(933949)

Have a look what the booklet for
Decimal(933949) contains.

| | |
|--|----|
| Decimal(933949) | 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(933949)

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 0E403D |
| RGB | 14, 64, 61 |
| RGB Percent | 5%, 25%, 24% |
| CMY | 0.9451, 0.7490, 0.7608 |
| CMYK | 0.78, 0.00, 0.05, 0.75 |
| HSL | 176°, 64%, 15% |
| HSV | 176°, 78%, 25% |
| XYZ | 2.8568, 4.0971, 5.0551 |
| YIQ | 48.7080, -28.8370, -11.5330 |

Conversions

Conversions Part 2

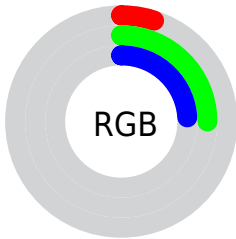
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 14, 40, 64 |
| Decimal | 933949 |
| CIELab | 23.99, -16.91, -2.93 |
| CIELCh | 24, 17.163, 189.843 |
| Yxy | 4.0971, 0.2379, 0.3412 |
| Android (android.graphics.Color) | 4279124029 (0xFF0E403D) |
| YUV | 48.7080, 6.0600, -30.4389 |
| Hunter-Lab | 20.2412, -10.2291, -0.6384 |

Details

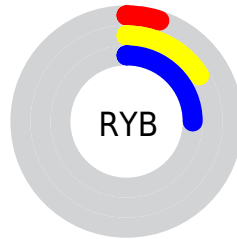
The Decimal color **933949** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4197905**, and the grayscale version is **3223857**.

A 20% lighter version of the original color is **4288620**, and **5907** is the 20% darker color. If you saturate the color by 10%, you get **540733**, and if you desaturate by 10%, it is **1327165**.

Distribution



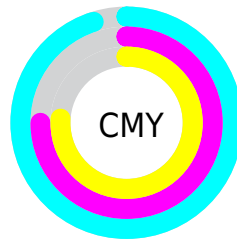
- Red (5%)
- Green (25%)
- Blue (24%)



- Red (5%)
- Yellow (16%)
- Blue (25%)



- Cyan (78%)
- Magenta (0%)
- Yellow (5%)
- Black (75%)



- Cyan (95%)
- Magenta (75%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 933949 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 933949 by changing the saturation by 10% instead.



933949



933949

16777215



10791



4288620



5907



5933702



0



7644320



9355195



11131862



12974323



14876671



933949



933949

■ 540733

■ 1327165

■ 81980

■ 1785918

■ 16444

■ 2179134

■ 2637887

■ 3031103

■ 3424319

■ 3883072

■ 4276288

■ 4735040

Harmonies

Analogous

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



2047792



933949



409417

Triad

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



933949



4207693



4797729

Complementary

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



933949



4197905

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.



5255465



933949



5058626

Square

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



933949



3029330



5386037



4012575

Rectangle

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



933949



1064527



5386037



4994083

Sweetspot

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



933949



4281427



1130510



2042667



11250603



2829099

Same Dimension

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



933949



349263



928320



1974561



24923



57555

Inverse Universe

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



4197905



5506314



4203534



2170398



6356998



14680077

Previews

White Background



This preview shows how the Decimal color 933949 looks on a white background.

Color Contrast Check

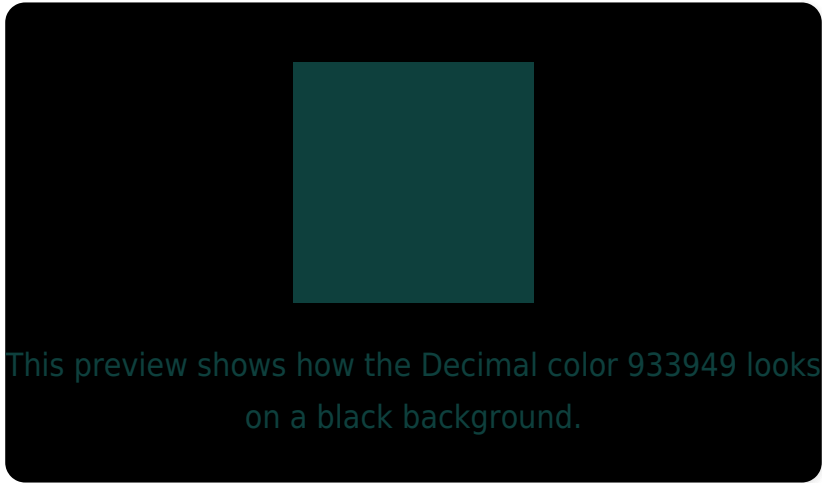
Large Text (above 18pt) WCAG AA ✓ Pass

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

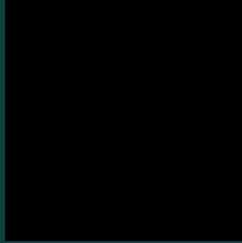
Any Text WCAG AA × Fail

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 933949 Background



This preview shows how black text looks on a background with the Decimal color 933949.



This preview shows how white text looks on a background with the Decimal color 933949.

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](#).

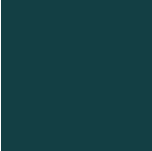
Dichromacy



Original Color
933949

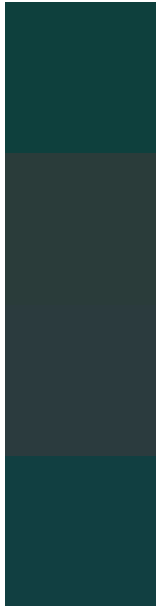
Protanopia
3815737

Deuteranopia
3946559



Tritanopia
1261380

Trichromacy



Original Color
933949

Protanomaly
2767930

Deuteranomaly
2833214

Tritanomaly
1130305

Monochromacy



Original Color
933949

Achromatopsia
3223857

Achromatomaly
2373173

CSS Examples

Text

The CSS property to change the color of the text to Decimal 933949 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 #0E403D looks like.

```
.text, #text, p{  
    color:#0E403D  
}
```

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 #0E403D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0E403D
}
```

Border

The CSS property to change the border of an element to Decimal 933949 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
#0E403D }
```

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

```
.border{ border-color:#0E403D }
```

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

Here you see how a box with a 4 pixel #0E403D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0E403D; -webkit-box-shadow:4px 4px  
4px 4px #0E403D; box-shadow:4px 4px 4px  
4px #0E403D }
```

Background

The CSS property to change the background color of an element to Decimal 933949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0E403D }
```

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

```
.background{ background-color:#0E403D }
```

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