

# Converting Colors

Decimal(13093)

Have a look what the booklet for  
Decimal(13093) contains.

<b>Decimal(13093)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(13093)**

# Conversions

## Conversions Part 1

Format	Color
Hex	003325
RGB	0, 51, 37
RGB Percent	0%, 20%, 15%
CMY	1.0000, 0.8000, 0.8549
CMYK	1.00, 0.00, 0.27, 0.80
HSL	164°, 100%, 10%
HSV	164°, 100%, 20%
XYZ	1.5178, 2.5012, 2.1531
YIQ	34.1550, -25.9020, -15.1660

# Conversions

## Conversions Part 2

Format	Color
<a href="#">RYB</a>	<a href="#">0, 30, 51</a>
Decimal	<a href="#">13093</a>
CIELab	<a href="#">17.92, -20.32, 4.41</a>
CIELCh	<a href="#">18, 20.788, 167.761</a>
Yxy	<a href="#">2.5012, 0.2459, 0.4053</a>
Android (android.graphics.Color)	<a href="#">4278203173 (0xFF003325)</a>
YUV	<a href="#">34.1550, 1.4026, -29.9539</a>
Hunter-Lab	<a href="#">15.8153, -10.5465, 2.9991</a>

# Details

The Decimal color **13093** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3342350**, and the grayscale version is **2236962**.

A 20% lighter version of the original color is **3367506**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **13093**, and if you desaturate by 10%, it is **340774**.

# Distribution



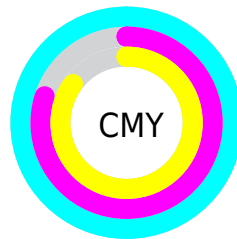
- Red (0%)
- Green (20%)
- Blue (15%)



- Red (0%)
- Yellow (12%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (27%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13093 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 13093 by changing the saturation by 10% instead.





13093



13093



15597567



7952



3367506



0



5012330



6657411



8368285



10079160



11921363



13697008



13093

■ 340774

■ 668456

■ 996137

■ 1323819

■ 1717036

■ 2044717

■ 2372399

■ 2700080

■ 3027762

# Harmonies

## Analogous

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



1782039



13093



13108

# Triad

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



13093



2304584



4465430

# Complementary

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



13093



3342350

# 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.



4726564



13093



3679296

# Square

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



13093



12105



4464691



3811597

# Rectangle

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



13093



13118



4464691



4596250



# Sweetspot

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



13093



3031613



930560



1384734



10592673



2171169



# Same Dimension

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



13093



16944



10291



1514009



22849



55709



# Inverse Universe

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



3342350



4325394



3345152



1709848



5832729

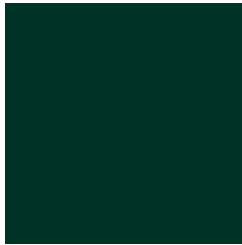


14221372



# Previews

## White Background



This preview shows how the Decimal color 13093 looks on a white background.

## Color Contrast Check

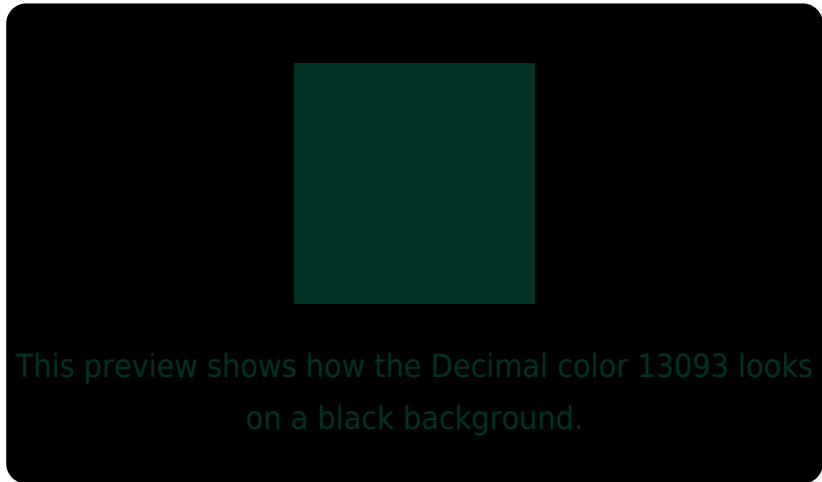
Large Text (above 18pt) WCAG AA ✓ Pass

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

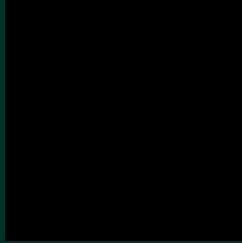
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 13093 Background



This preview shows how black text looks on a background with the Decimal color 13093.



This preview shows how white text looks on a background with the Decimal color 13093.

# 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](#).

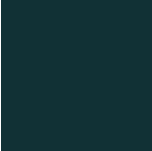
## Dichromacy



**Original Color**  
13093

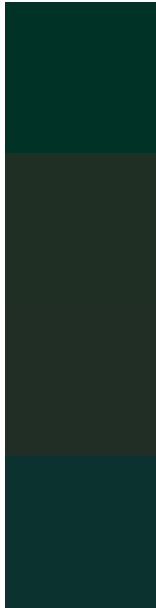
**Protanopia**  
3157026

**Deuteranopia**  
3353383



**Tritanopia**  
1126709

# Trichromacy



**Original Color**  
13093

**Protanomaly**  
2043683

**Deuteranomaly**  
2108966

**Tritanomaly**  
733743

# Monochromacy



**Original Color**  
13093

**Achromatopsia**  
2236962

**Achromatomaly**  
1452067

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13093 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 #003325 looks like.

```
.text, #text, p{  
    color:#003325  
}
```

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 #003325 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003325
}
```

## Border

The CSS property to change the border of an element to Decimal 13093 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
#003325 }
```

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

```
.border{ border-color:#003325 }
```

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

Here you see how a box with a 4 pixel #003325 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003325; -webkit-box-shadow:4px 4px  
4px 4px #003325; box-shadow:4px 4px 4px  
4px #003325 }
```

# Background

The CSS property to change the background color of an element to Decimal 13093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003325 }
```

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

```
.background{ background-color:#003325 }
```

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