

# Converting Colors

Decimal(13628)

Have a look what the booklet for  
Decimal(13628) contains.

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# Color

**Decimal(13628)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00353C
RGB	0, 53, 60
RGB Percent	0%, 21%, 24%
CMY	1.0000, 0.7922, 0.7647
CMYK	1.00, 0.12, 0.00, 0.76
HSL	187°, 100%, 12%
HSV	187°, 100%, 24%
XYZ	2.0887, 2.8725, 4.7193
YIQ	37.9510, -33.8350, -9.0590

# Conversions

## Conversions Part 2

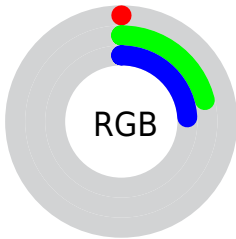
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 28, 60
Decimal	13628
CIELab	19.53, -13.08, -9.00
CIELCh	20, 15.877, 214.543
Yxy	2.8725, 0.2158, 0.2967
Android (android.graphics.Color)	4278203708 (0xFF00353C)
YUV	37.9510, 10.8702, -33.2830
Hunter-Lab	16.9483, -7.6611, -4.6457

# Details

The Decimal color **13628** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3933952**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **3630187**, and **274** is the 20% darker color. If you saturate the color by 10%, you get **13628**, and if you desaturate by 10%, it is **407100**.

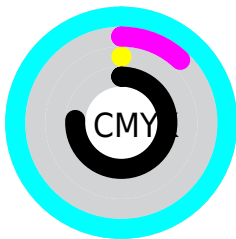
# Distribution



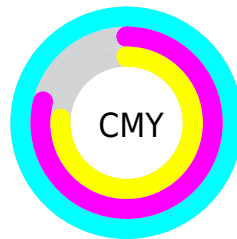
- Red (0%)
- Green (21%)
- Blue (24%)



- Red (0%)
- Yellow (11%)
- Blue (24%)



- Cyan (100%)
- Magenta (12%)
- Yellow (0%)
- Black (76%)



- Cyan (100%)
- Magenta (79%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 13628 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 13628 by changing the saturation by 10% instead.



■ 13628                      ■ 13628

■ 16056319                      ■ 8230

■ 3630187                      ■ 274

■ 5340548                      ■ 0

■ 6985631

■ 8696250

■ 10472917

■ 12315122

■ 14155775

■ 13628

■ 407100

■ 800316

■ 1193788

■ 1587260

■ 1980476

■ 2373948

■ 2767420

■ 3160892

■ 3554108

# Harmonies

## Analogous

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



668977



13628



799556

# Triad

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



13628



4139065



3485464

# Complementary

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



13628



3933952

# 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.



4139803



13628



4531758

# Square

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



13628



3353666



4532259



2699804

# Rectangle

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



13628



1782086



4532259



3747352



# Sweetspot

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



13628



3624015



15367



1713961



11053224



2697513



# Same Dimension

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



13628



17999



5948



1842719



21342



50398



# Inverse Universe

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



3932213



5177414



3941632



2038814



6160467



14549188



# Previews

## White Background



This preview shows how the Decimal color 13628 looks on a white background.

### Color Contrast Check

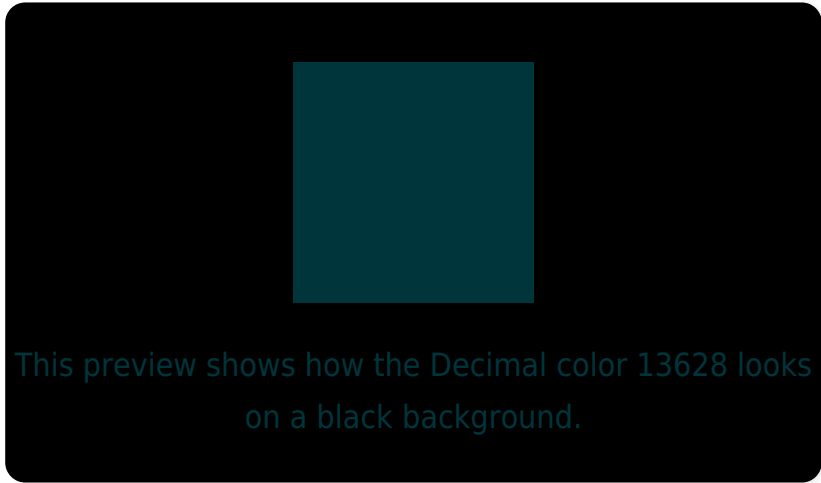
Large Text (above 18pt) WCAG AA ✓ Pass

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

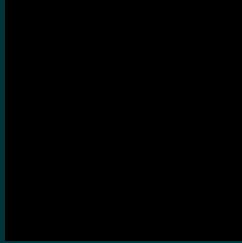
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

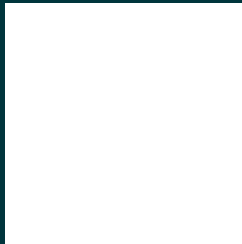
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Decimal 13628 Background



This preview shows how black text looks on a background with the Decimal color 13628.



This preview shows how white text looks on a background with the Decimal color 13628.

# 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



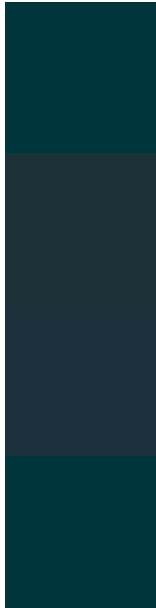
**Original Color**  
13628

**Protanopia**  
3026744

**Deuteranopia**  
2961213



# Trichromacy



**Original Color**  
13628

**Protanomaly**  
1913145

**Deuteranomaly**  
1913149

**Tritanomaly**  
13627

# Monochromacy



**Original Color**  
13628

**Achromatopsia**  
2500134

**Achromatomaly**  
1583918

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 13628 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 #00353C looks like.

```
.text, #text, p{  
  color:#00353C  
}
```

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 #00353C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00353C
}
```

## Border

The CSS property to change the border of an element to Decimal 13628 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
#00353C }
```

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

```
.border{ border-color:#00353C }
```

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

Here you see how a box with a 4 pixel #00353C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00353C; -webkit-box-shadow:4px 4px  
4px 4px #00353C; box-shadow:4px 4px 4px  
4px #00353C }
```

# Background

The CSS property to change the background color of an element to Decimal 13628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00353C }
```

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

```
.background{ background-color:#00353C }
```

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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