

Converting Colors

Decimal(13660)

Have a look what the booklet for
Decimal(13660) contains.

Decimal(13660)	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(13660)

Conversions

Conversions Part 1

Format	Color
Hex	00355C
RGB	0, 53, 92
RGB Percent	0%, 21%, 36%
CMY	1.0000, 0.7922, 0.6392
CMYK	1.00, 0.42, 0.00, 0.64
HSL	205°, 100%, 18%
HSV	205°, 100%, 36%
XYZ	3.2049, 3.3189, 10.5969
YIQ	41.5990, -44.1070, 0.8930

Conversions

Conversions Part 2

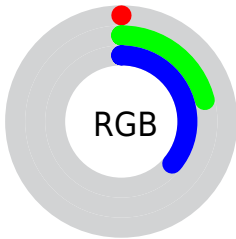
Format	Color
RYB	0, 34, 92
Decimal	13660
CIELab	21.28, 0.85, -27.72
CIELCh	21, 27.736, 271.757
Yxy	3.3189, 0.1872, 0.1939
Android (android.graphics.Color)	4278203740 (0xFF00355C)
YUV	41.5990, 24.8477, -36.4823
Hunter-Lab	18.2179, -0.4798, -21.7351

Details

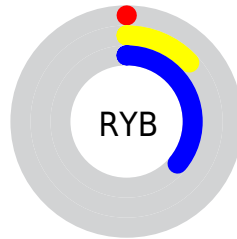
The Decimal color **13660** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6039296**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **4285327**, and **1838** is the 20% darker color. If you saturate the color by 10%, you get **13660**, and if you desaturate by 10%, it is **604508**.

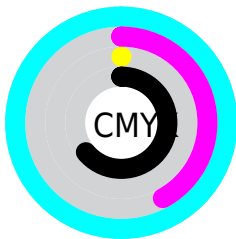
Distribution



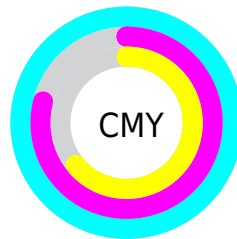
- Red (0%)
- Green (21%)
- Blue (36%)



- Red (0%)
- Yellow (13%)
- Blue (36%)



- Cyan (100%)
- Magenta (42%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (79%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13660 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 13660 by changing the saturation by 10% instead.

■ 13660 ■ 13660

16777215 ■ 8260

■ 4285327 ■ 1838

■ 5995689 ■ 280

■ 7771845 ■ 0

■ 9548001

■ 11324669

■ 13232383

■ 15073279

■ 13660

■ 604508

■ 1195356

■ 1851740

■ 2442588

■ 3033436

■ 3624028

■ 4214876

■ 4871260

■ 5462108

Harmonies

Analogous

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



14935



13660



3485014

Triad

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



13660



5710623



473887

Complementary

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



13660



6039296

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.



2635790



13660



5057294

Square

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



13660



5775411



4010501



15668

Rectangle

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



13660



4597581



4010501



1456920

Sweetspot

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



13660



5532024



23590



2569277



12434877



4013373

Same Dimension

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



13660



17784



2140



2698286



16238



35309

Inverse Universe

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



6029365



7864389



6050816



3025196



7209023



15532169

Previews

White Background



This preview shows how the Decimal color 13660 looks on a white background.

Color Contrast Check

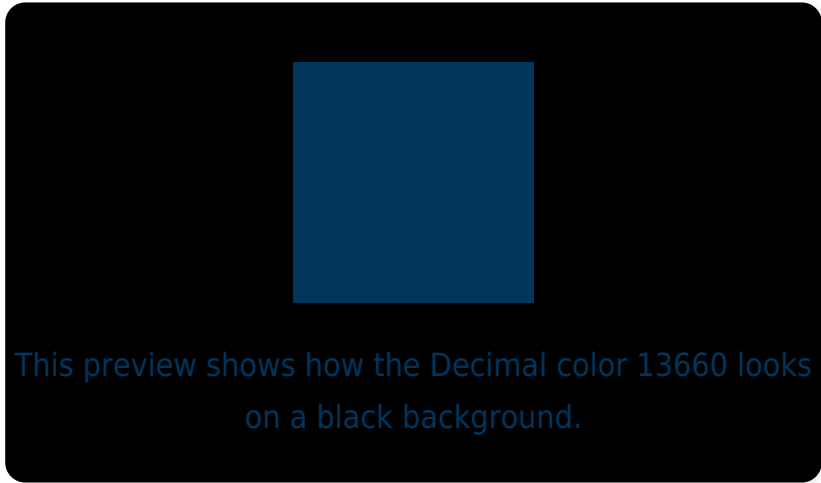
Large Text (above 18pt) WCAG AA ✓ Pass

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

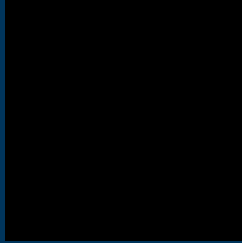
Any Text WCAG AA × Fail

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 13660 Background



This preview shows how black text looks on a background with the Decimal color 13660.



This preview shows how white text looks on a background with the Decimal color 13660.

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
13660

Protanopia
2241114

Deuteranopia
931164



Tritanopia
14909

Trichromacy



Original Color
13660

Protanomaly
1454939

Deuteranomaly
603484

Tritanomaly
14408

Monochromacy



Original Color
13660

Achromatopsia
2763306

Achromatomaly
1781308

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13660 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 #00355C looks like.

```
.text, #text, p{  
    color:#00355C  
}
```

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 #00355C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00355C
}
```

Border

The CSS property to change the border of an element to Decimal 13660 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
#00355C }
```

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

```
.border{ border-color:#00355C }
```

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

Here you see how a box with a 4 pixel #00355C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00355C; -webkit-box-shadow:4px 4px  
4px 4px #00355C; box-shadow:4px 4px 4px  
4px #00355C }
```

Background

The CSS property to change the background color of an element to Decimal 13660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00355C }
```

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

```
.background{ background-color:#00355C }
```

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