

Converting Colors

Decimal(13147)

Have a look what the booklet for
Decimal(13147) contains.

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Color

Decimal(13147)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | 00335B |
| RGB | 0, 51, 91 |
| RGB Percent | 0%, 20%, 36% |
| CMY | 1.0000, 0.8000, 0.6431 |
| CMYK | 1.00, 0.44, 0.00, 0.64 |
| HSL | 206°, 100%, 18% |
| HSV | 206°, 100%, 36% |
| XYZ | 3.0722, 3.1230, 10.3384 |
| YIQ | 40.3110, -43.2360, 1.6280 |

Conversions

Conversions Part 2

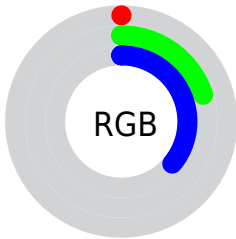
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 0, 33, 91 |
| Decimal | 13147 |
| CIE _{Lab} | 20.53, 1.82, -28.26 |
| CIE _{LCh} | 21, 28.318, 273.675 |
| Yxy | 3.1230, 0.1858, 0.1889 |
| Android (android.graphics.Color) | 4278203227 (0xFF00335B) |
| YUV | 40.3110, 24.9897, -35.3527 |
| Hunter-Lab | 17.6720, 0.1051, -22.3153 |

Details

The Decimal color **13147** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5974016**, and the grayscale version is **2631720**.

A 20% lighter version of the original color is **4219278**, and **1069** is the 20% darker color. If you saturate the color by 10%, you get **13147**, and if you desaturate by 10%, it is **603995**.

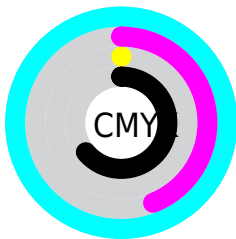
Distribution



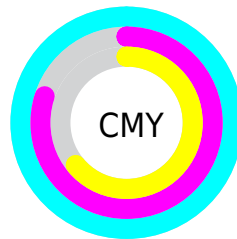
- Red (0%)
- Green (20%)
- Blue (36%)



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



- Cyan (100%)
- Magenta (44%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (80%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13147 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 13147 by changing the saturation by 10% instead.

■ 13147 ■ 13147

16777215 ■ 7747

■ 4219278 ■ 1069

■ 5995176 ■ 279

■ 7705539 ■ 0

■ 9481951

■ 11323900

■ 13166079

■ 15073279

■ 13147

■ 603995

■ 1194843

■ 1785691

■ 2376539

■ 3032923

■ 3623771

■ 4214619

■ 4805467

■ 5396315

Harmonies

Analogous

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



14422



13147



3484500

Triad

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



13147



5579036



14878

Complementary

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



13147



5974016

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.



2373388



13147



4925962

Square

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



13147



5709360



3813634



15155

Rectangle

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



13147



4597066



3813634



1128728

Sweetspot

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



13147



5400181



23335



2502971



12237498



3881787

Same Dimension

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



13147



17013



1627



2698286



15726



34285

Inverse Universe

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



5963827



7667778



5985536



3025196



7209021



15532165

Previews

White Background



This preview shows how the Decimal color 13147 looks on a white background.

Color Contrast Check

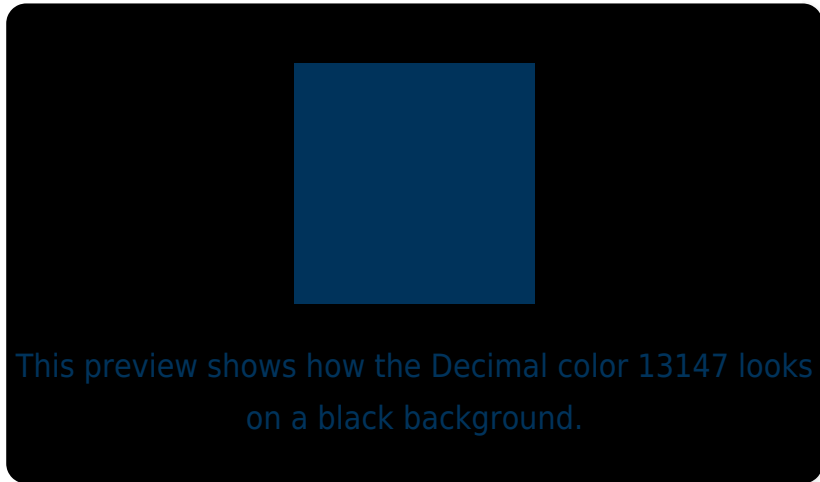
Large Text (above 18pt) WCAG AA ✓ Pass

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

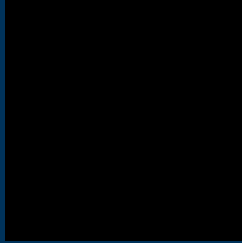
Any Text WCAG AA × Fail

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 13147 Background



This preview shows how black text looks on a background with the Decimal color 13147.



This preview shows how white text looks on a background with the Decimal color 13147.

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
13147

Protanopia
2109785

Deuteranopia
13147



Tritanopia
14396

Trichromacy



Original Color
13147

Protanomaly
1323610

Deuteranomaly
13147

Tritanomaly
13895

Monochromacy



Original Color
13147

Achromatopsia
2631720

Achromatomaly
1649723

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13147 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 #00335B looks like.

```
.text, #text, p{  
    color:#00335B  
}
```

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 #00335B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00335B
}
```

Border

The CSS property to change the border of an element to Decimal 13147 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
#00335B }
```

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

```
.border{ border-color:#00335B }
```

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

Here you see how a box with a 4 pixel #00335B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00335B; -webkit-box-shadow:4px 4px  
4px 4px #00335B; box-shadow:4px 4px 4px  
4px #00335B }
```

Background

The CSS property to change the background color of an element to Decimal 13147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00335B }
```

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

```
.background{ background-color:#00335B }
```

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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