

Converting Colors

Decimal(13642)

Have a look what the booklet for
Decimal(13642) contains.

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Color

Decimal(13642)

Conversions

Conversions Part 1

Format	Color
Hex	00354A
RGB	0, 53, 74
RGB Percent	0%, 21%, 29%
CMY	1.0000, 0.7922, 0.7098
CMYK	1.00, 0.28, 0.00, 0.71
HSL	197°, 100%, 15%
HSV	197°, 100%, 29%
XYZ	2.5091, 3.0406, 6.9332
YIQ	39.5470, -38.3290, -4.7050

Conversions

Conversions Part 2

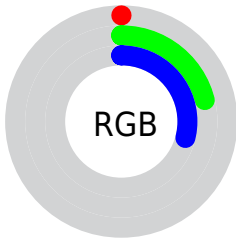
Format	Color
RYB	0, 31, 74
Decimal	13642
CIELab	20.21, -7.18, -17.44
CIELCh	20, 18.861, 247.621
Yxy	3.0406, 0.2010, 0.2436
Android (android.graphics.Color)	4278203722 (0xFF00354A)
YUV	39.5470, 16.9853, -34.6827
Hunter-Lab	17.4374, -4.8303, -11.3680

Details

The Decimal color **13642** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4855040**, and the grayscale version is **2565927**.

A 20% lighter version of the original color is **3892347**, and **799** is the 20% darker color. If you saturate the color by 10%, you get **13642**, and if you desaturate by 10%, it is **472906**.

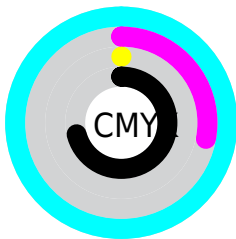
Distribution



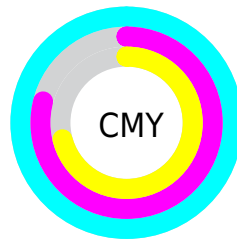
- Red (0%)
- Green (21%)
- Blue (29%)



- Red (0%)
- Yellow (12%)
- Blue (29%)



- Cyan (100%)
- Magenta (28%)
- Yellow (0%)
- Black (71%)



- Cyan (100%)
- Magenta (79%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13642 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 13642 by changing the saturation by 10% instead.

■ 13642 ■ 13642

■ 16383999 ■ 8243

■ 3892347 ■ 799

■ 5602453 ■ 1

■ 7313071 ■ 0

■ 9023947

■ 10800359

■ 12642815

■ 14483455

■ 13642

■ 472906

■ 997706

■ 1456970

■ 1981770

■ 2441290

■ 2900554

■ 3425354

■ 3884618

■ 4409418

Harmonies

Analogous

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



14145



13642



2175308

Triad

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



13642



4924718



2569498

Complementary

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



13642



4855040

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.



3551509



13642



4794401

Square

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



13642



4532028



4336663



1390374

Rectangle

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



13642



3157577



4336663



2896920

Sweetspot

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



13642



4479329



18965



2042928



11579568



3158064

Same Dimension

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



13642



17761



4170



2237734



18790



42214

Inverse Universe

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



4849717



6357061



4864512



2499109



6684745



15073444

Previews

White Background



This preview shows how the Decimal color 13642 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

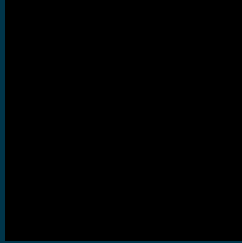
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

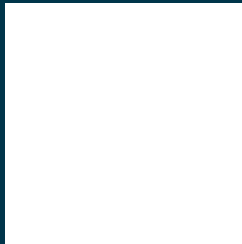
Any Text WCAG AAA × Fail

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

Decimal 13642 Background



This preview shows how black text looks on a background with the Decimal color 13642.



This preview shows how white text looks on a background with the Decimal color 13642.

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

13642

Protanopia

2830662

Deuteranopia

2437451



Tritanopia
14139

Trichromacy



Original Color
13642

Protanomaly
1782343

Deuteranomaly
1585739

Tritanomaly
13888

Monochromacy



Original Color
13642

Achromatopsia
2631720

Achromatomaly
1649972

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13642 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 #00354A looks like.

```
.text, #text, p{  
    color:#00354A  
}
```

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 #00354A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00354A
}
```

Border

The CSS property to change the border of an element to Decimal 13642 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
#00354A }
```

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

```
.border{ border-color:#00354A }
```

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

Here you see how a box with a 4 pixel #00354A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00354A; -webkit-box-shadow:4px 4px  
4px 4px #00354A; box-shadow:4px 4px 4px  
4px #00354A }
```

Background

The CSS property to change the background color of an element to Decimal 13642 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00354A }
```

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

```
.background{ background-color:#00354A }
```

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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