

Converting Colors

Decimal(13679)

Have a look what the booklet for
Decimal(13679) contains.

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Color

Decimal(13679)

Conversions

Conversions Part 1

Format	Color
Hex	00356F
RGB	0, 53, 111
RGB Percent	0%, 21%, 44%
CMY	1.0000, 0.7922, 0.5647
CMYK	1.00, 0.52, 0.00, 0.56
HSL	211°, 100%, 22%
HSV	211°, 100%, 44%
XYZ	4.1423, 3.6939, 15.5336
YIQ	43.7650, -50.2060, 6.8020

Conversions

Conversions Part 2

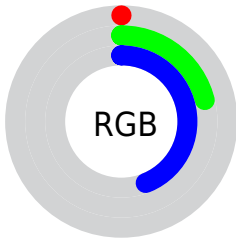
Format	Color
RYB	0, 36, 111
Decimal	13679
CIELab	22.63, 9.44, -37.90
CIElCh	23, 39.054, 283.984
Yxy	3.6939, 0.1773, 0.1581
Android (android.graphics.Color)	4278203759 (0xFF00356F)
YUV	43.7650, 33.1469, -38.3819
Hunter-Lab	19.2195, 4.8376, -34.4657

Details

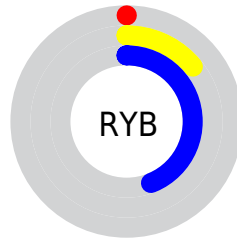
The Decimal color **13679** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7289344**, and the grayscale version is **2829099**.

A 20% lighter version of the original color is **4678563**, and **2111** is the 20% darker color. If you saturate the color by 10%, you get **13679**, and if you desaturate by 10%, it is **736111**.

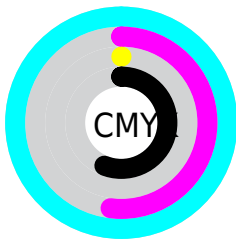
Distribution



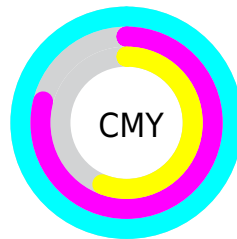
- Red (0%)
- Green (21%)
- Blue (44%)



- Red (0%)
- Yellow (14%)
- Blue (44%)



- Cyan (100%)
- Magenta (52%)
- Yellow (0%)
- Black (56%)

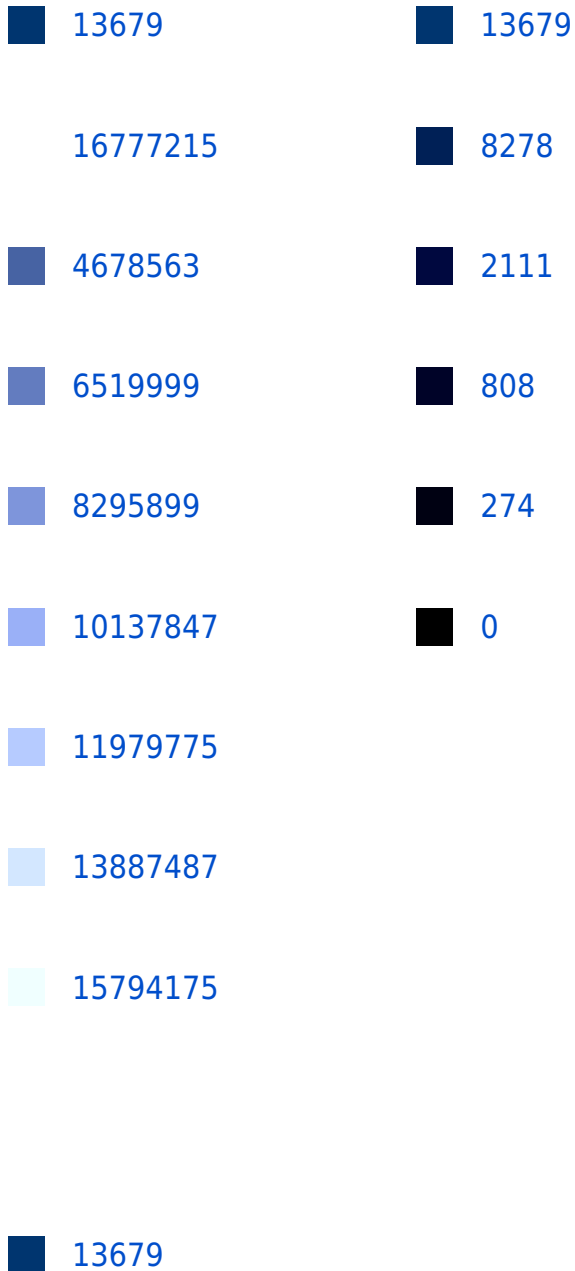


- Cyan (100%)
- Magenta (79%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 13679 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 13679 by changing the saturation by 10% instead.



■ 736111

■ 1458543

■ 2180719

■ 2903151

■ 3691119

■ 4413551

■ 5135983

■ 5858159

■ 6580591

Harmonies

Analogous

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



15982



13679



4728672

Triad

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



13679



6365454



16933

Complementary

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



13679



7289344

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.



1195782



13679



5254912

Square

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



13679



6886698



3619072



17219

Rectangle

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



13679



5971280



3619072



16667

Sweetspot

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



13679



6716305



28473



3095626



13224393



4868682

Same Dimension

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



13679



17809



131183



3290424



14712



30455

Inverse Universe

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



7274549



9502789



7171840



3682869



7864377



16187510

Previews

White Background



This preview shows how the Decimal color 13679 looks on a white background.

Color Contrast Check

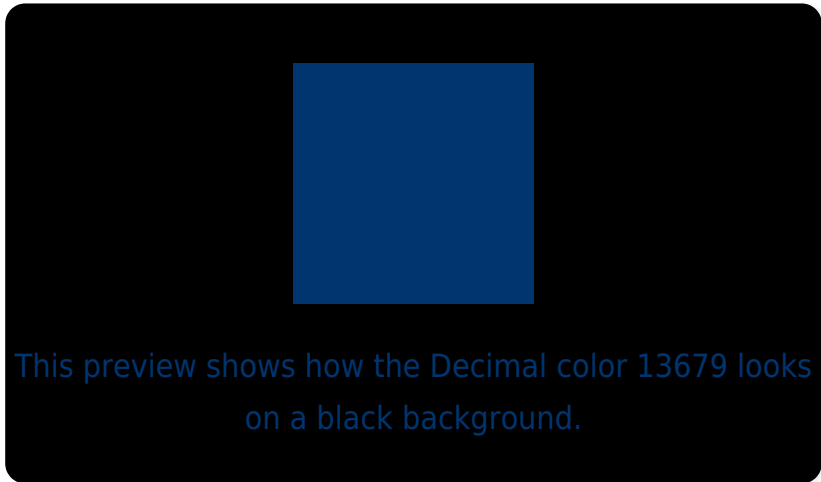
Large Text (above 18pt) WCAG AA ✓ Pass

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 13679 Background



This preview shows how black text looks on a background with the Decimal color 13679.



This preview shows how white text looks on a background with the Decimal color 13679.

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
13679

Protanopia
865647

Deuteranopia
14433



Tritanopia
15681

Trichromacy



Original Color
13679

Protanomaly
537967

Deuteranomaly
14182

Tritanomaly
14930

Monochromacy



Original Color
13679

Achromatopsia
2894892

Achromatomaly
1847108

CSS Examples

Text

The CSS property to change the color of the text to Decimal 13679 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 #00356F looks like.

```
.text, #text, p{  
    color:#00356F  
}
```

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 #00356F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00356F
}
```

Border

The CSS property to change the border of an element to Decimal 13679 is called "border". The border property can be set on classes, ids or directly on the HTML element.

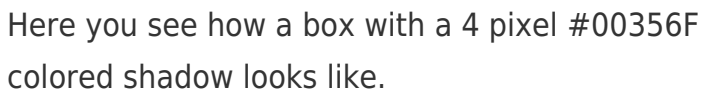
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00356F }
```

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

```
.border{ border-color:#00356F }
```

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



Here you see how a box with a 4 pixel #00356F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00356F; -webkit-box-shadow:4px 4px  
4px 4px #00356F; box-shadow:4px 4px 4px  
4px #00356F }
```

Background

The CSS property to change the background color of an element to Decimal 13679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00356F }
```

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

```
.background{ background-color:#00356F }
```

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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