

Converting Colors

Decimal(76599)

Have a look what the booklet for
Decimal(76599) contains.

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Color

Decimal(76599)

Conversions

Conversions Part 1

Format	Color
Hex	012B37
RGB	1, 43, 55
RGB Percent	0%, 17%, 22%
CMY	0.9961, 0.8314, 0.7843
CMYK	0.98, 0.22, 0.00, 0.78
HSL	193°, 96%, 11%
HSV	193°, 98%, 22%
XYZ	1.5660, 2.0100, 3.9199
YIQ	31.8100, -28.8840, -5.1720

Conversions

Conversions Part 2

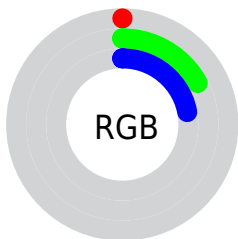
Format	Color
R _Y B	1, 25, 55
Decimal	76599
CIE Lab	15.54, -8.72, -11.66
CIE LCh	16, 14.559, 233.213
Yxy	2.0100, 0.2089, 0.2682
Android (android.graphics.Color)	4278266679 (0xFF012B37)
YUV	31.8100, 11.4327, -27.0204
Hunter-Lab	14.1776, -5.0946, -6.4684

Details

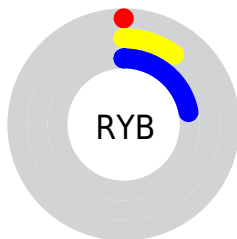
The Decimal color **76599** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3607809**, and the grayscale version is **2105376**.

A 20% lighter version of the original color is **3496038**, and **10** is the 20% darker color. If you saturate the color by 10%, you get **11063**, and if you desaturate by 10%, it is **404535**.

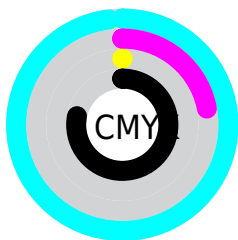
Distribution



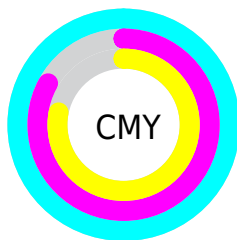
- Red (0%)
- Green (17%)
- Blue (22%)



- Red (0%)
- Yellow (10%)
- Blue (22%)



- Cyan (98%)
- Magenta (22%)
- Yellow (0%)
- Black (78%)



- Cyan (100%)
- Magenta (83%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 76599 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 76599 by changing the saturation by 10% instead.

■ 76599

■ 76599

■ 15728639

■ 5922

■ 3496038

■ 10

■ 5140863

■ 0

■ 6785689

■ 8496564

■ 10207439

■ 12049643

■ 13891839

■ 76599

■ 76599

■ 11063

■ 404535

■ 798007

■ 1126199

■ 1519671

■ 1847607

■ 2241079

■ 2634807

■ 2962743

■ 3356215

Harmonies

Analogous

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



11311



76599



1255739

Triad

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



76599



3743530



2435347

Complementary

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



76599



3607809

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.



3155218



76599



3874591

Square

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



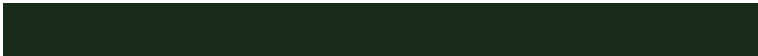
76599



3219763



3613207



1649434

Rectangle

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



76599



2041403



3613207



2697234

Sweetspot

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



76599



3359559



79629



1515812



10724259



2368548

Same Dimension

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



76599



14407



69687



1645340



18268



43995

Inverse Universe

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



3604779



4653112



3614721



1841435



6029383



14352555

Previews

White Background



This preview shows how the Decimal color 76599 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

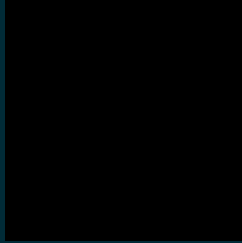
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

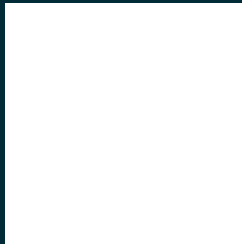
Any Text WCAG AAA × Fail

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

Decimal 76599 Background



This preview shows how black text looks on a background with the Decimal color 76599.



This preview shows how white text looks on a background with the Decimal color 76599.

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
76599

Protanopia
2369332

Deuteranopia
2238264



Tritanopia
11311

Trichromacy



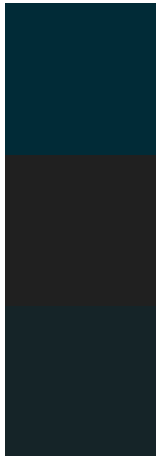
Original Color
76599

Protanomaly
1517621

Deuteranomaly
1452088

Tritanomaly
11314

Monochromacy



Original Color
76599

Achromatopsia
2105376

Achromatomaly
1385512

CSS Examples

Text

The CSS property to change the color of the text to Decimal 76599 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 #012B37 looks like.

```
.text, #text, p{  
    color:#012B37  
}
```

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 #012B37 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #012B37
}
```

Border

The CSS property to change the border of an element to Decimal 76599 is called "border". The border property can be set on classes, ids or directly on the HTML element.

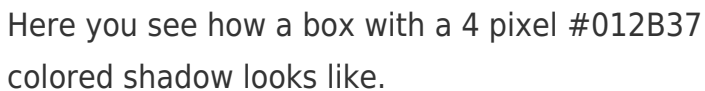
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#012B37 }
```

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

```
.border{ border-color:#012B37 }
```

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



Here you see how a box with a 4 pixel #012B37 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #012B37; -webkit-box-shadow:4px 4px  
4px 4px #012B37; box-shadow:4px 4px 4px  
4px #012B37 }
```

Background

The CSS property to change the background color of an element to Decimal 76599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#012B37 }
```

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

```
.background{ background-color:#012B37 }
```

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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