

Converting Colors

Decimal(736863)

Have a look what the booklet for
Decimal(736863) contains.

Decimal(736863)	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(736863)

Conversions

Conversions Part 1

Format	Color
Hex	0B3E5F
RGB	11, 62, 95
RGB Percent	4%, 24%, 37%
CMY	0.9569, 0.7569, 0.6275
CMYK	0.88, 0.35, 0.00, 0.63
HSL	204°, 79%, 21%
HSV	204°, 88%, 37%
XYZ	3.9262, 4.3426, 11.4577
YIQ	50.5130, -40.9890, -0.5490

Conversions

Conversions Part 2

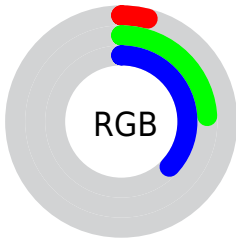
Format	Color
R_{YB}	11, 43, 95
Decimal	736863
CIE _{Lab}	24.77, -2.91, -24.12
CIE _{LCh}	25, 24.298, 263.133
Yxy	4.3426, 0.1990, 0.2201
Android (android.graphics.Color)	4278926943 (0xFF0B3E5F)
YUV	50.5130, 21.9321, -34.6529
Hunter-Lab	20.8390, -2.8376, -18.0118

Details

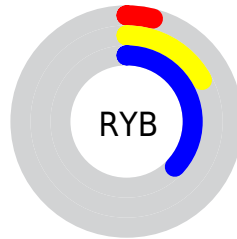
The Decimal color **736863** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6237195**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **4615570**, and **5169** is the 20% darker color. If you saturate the color by 10%, you get **146015**, and if you desaturate by 10%, it is **1393247**.

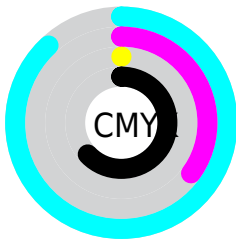
Distribution



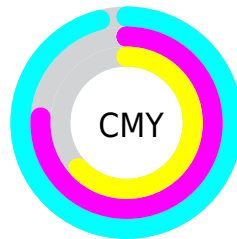
- Red (4%)
- Green (24%)
- Blue (37%)



- Red (4%)
- Yellow (17%)
- Blue (37%)



- Cyan (88%)
- Magenta (35%)
- Yellow (0%)
- Black (63%)



- Cyan (96%)
- Magenta (76%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 736863 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 736863 by changing the saturation by 10% instead.

■ 736863 ■ 736863

16777215 ■ 10311

■ 4615570 ■ 5169

■ 6391724 ■ 283

■ 8102344 ■ 0

■ 9878756

■ 11720703

■ 13563135

■ 15466495

■ 736863 ■ 736863

■ 146015

■ 1393247

■ 14943

■ 1983839

■ 2640223

■ 3231071

■ 3887455

■ 4478047

■ 5134431

■ 5725279

■ 6381663

Harmonies

Analogous

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



16984



736863



3487836

Triad

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



736863



6106157



2245156

Complementary

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



736863



6237195

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.



3685912



736863



5714462

Square

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



736863



5909568



4798485



17462

Rectangle

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



736863



4666198



4798485



2769183

Sweetspot

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



736863



5860730



745259



2766397



12434877



4013373

Same Dimension

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



736863



19066



726367



2895664



17520



37616

Inverse Universe

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



6228798



7995466



6247691



3157039



7340100



15728786

Previews

White Background



This preview shows how the Decimal color 736863 looks on a white background.

Color Contrast Check

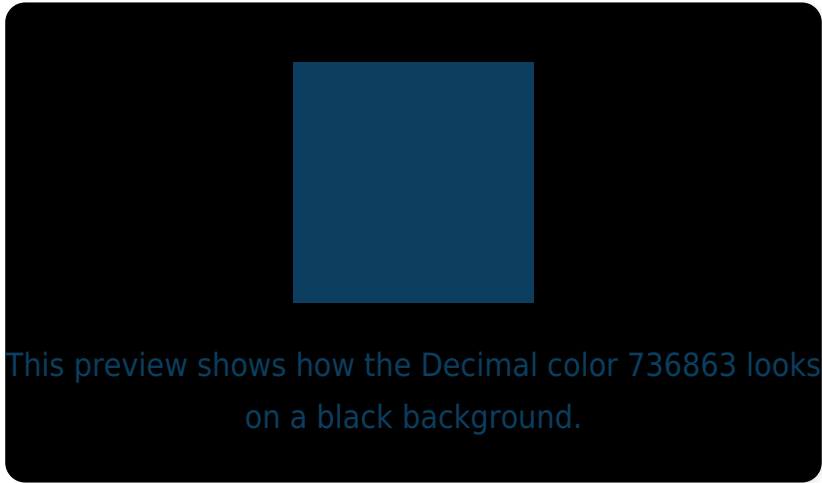
Large Text (above 18pt) WCAG AA ✓ Pass

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 736863 Background



This preview shows how black text looks on a background with the Decimal color 736863.



This preview shows how white text looks on a background with the Decimal color 736863.

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
736863

Protanopia
3095131

Deuteranopia
2440032



Tritanopia
16966

Trichromacy



Original Color
736863

Protanomaly
2243420

Deuteranomaly
1850464

Tritanomaly
278863

Monochromacy



Original Color
736863

Achromatopsia
3355443

Achromatomaly
2373443

CSS Examples

Text

The CSS property to change the color of the text to Decimal 736863 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 #0B3E5F looks like.

```
.text, #text, p{  
  color:#0B3E5F  
}
```

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 #0B3E5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B3E5F
}
```

Border

The CSS property to change the border of an element to Decimal 736863 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
#0B3E5F }
```

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

```
.border{ border-color:#0B3E5F }
```

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

Here you see how a box with a 4 pixel #0B3E5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B3E5F; -webkit-box-shadow:4px 4px  
4px 4px #0B3E5F; box-shadow:4px 4px 4px  
4px #0B3E5F }
```

Background

The CSS property to change the background color of an element to Decimal 736863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B3E5F }
```

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

```
.background{ background-color:#0B3E5F }
```

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