

Converting Colors

Decimal(737661)

Have a look what the booklet for
Decimal(737661) contains.

| | |
|--|----|
| Decimal(737661) | 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(737661)

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 0B417D |
| RGB | 11, 65, 125 |
| RGB Percent | 4%, 25%, 49% |
| CMY | 0.9569, 0.7451, 0.5098 |
| CMYK | 0.91, 0.48, 0.00, 0.51 |
| HSL | 212°, 84%, 27% |
| HSV | 212°, 91%, 49% |
| XYZ | 5.7300, 5.3324, 20.1293 |
| YIQ | 55.6940, -51.4440, 7.2120 |

Conversions

Conversions Part 2

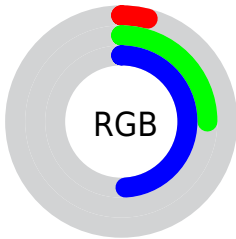
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 11, 48, 125 |
| Decimal | 737661 |
| CIE _{Lab} | 27.66, 7.86, -38.66 |
| CIE _{LCh} | 28, 39.446, 281.490 |
| Yxy | 5.3324, 0.1837, 0.1710 |
| Android (android.graphics.Color) | 4278927741 (0xFF0B417D) |
| YUV | 55.6940, 34.1679, -39.1966 |
| Hunter-Lab | 23.0920, 3.8814, -35.5187 |

Details

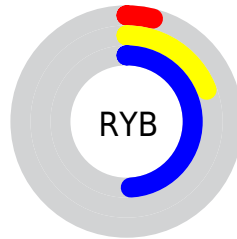
The Decimal color **737661** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **8210187**, and the grayscale version is **3618615**.

A 20% lighter version of the original color is **5206194**, and **6219** is the 20% darker color. If you saturate the color by 10%, you get **15229**, and if you desaturate by 10%, it is **1591421**.

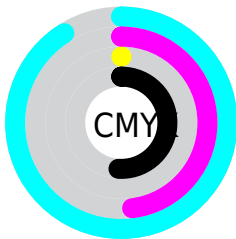
Distribution



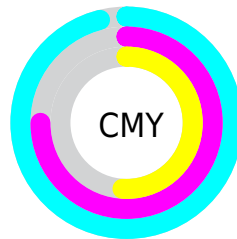
- Red (4%)
- Green (25%)
- Blue (49%)



- Red (4%)
- Yellow (19%)
- Blue (49%)



- Cyan (91%)
- Magenta (48%)
- Yellow (0%)
- Black (51%)

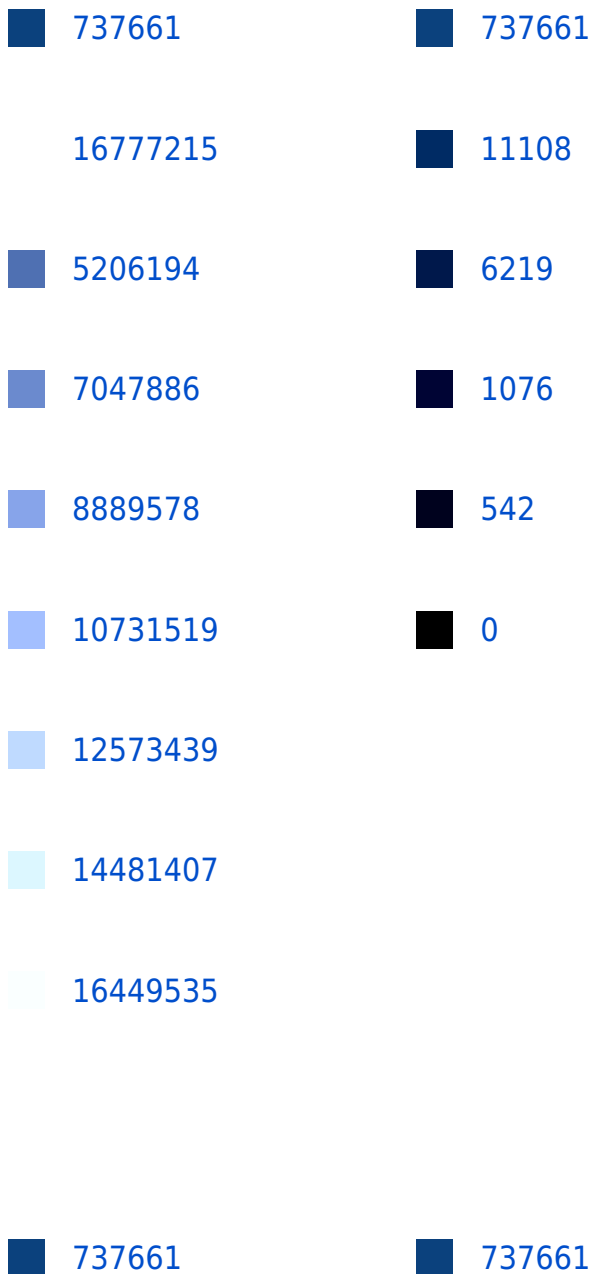


- Cyan (96%)
- Magenta (75%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 737661 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 737661 by changing the saturation by 10% instead.



■ 15229

■ 1591421

■ 2379389

■ 3233149

■ 4021117

■ 4874877

■ 5662845

■ 6516605

■ 7304829

■ 8158333

Harmonies

Analogous

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



19067



737661



5321839

Triad

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



737661



7416602



20013

Complementary

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



737661



8210187

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.



2312719



737661



6240512

Square

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



737661



7807543



4539392



20300

Rectangle

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



737661



6695519



4539392



19747

Sweetspot

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



737661



7834787



752966



3621970



13750737



5395026

Same Dimension

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



737661



19875



854909



3750976



15488



0

Inverse Universe

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



8194881



10682445



8092939



4208956



8388668



0

Previews

White Background



This preview shows how the Decimal color 737661 looks on a white background.

Color Contrast Check

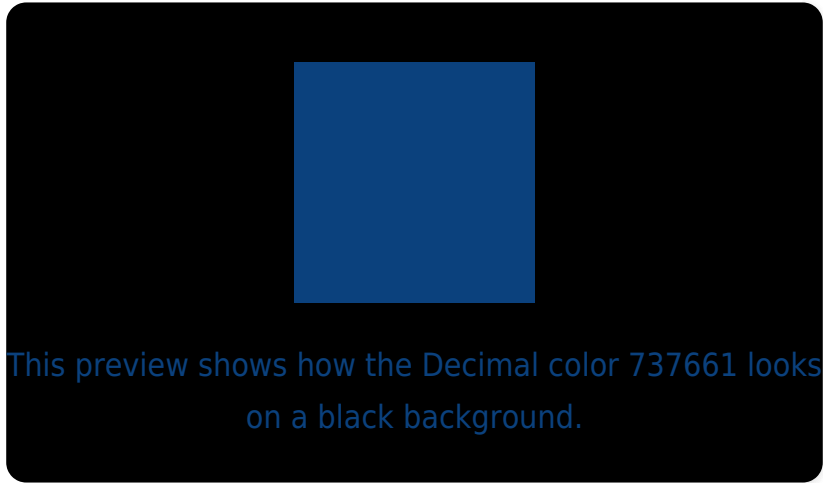
Large Text (above 18pt) WCAG AA ✓ Pass

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

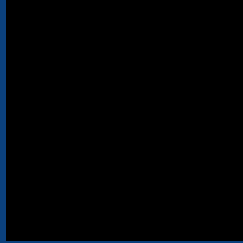
Any Text WCAG AA × Fail

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 737661 Background



This preview shows how black text looks on a background with the Decimal color 737661.



This preview shows how white text looks on a background with the Decimal color 737661.

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
737661

Protanopia
2178939

Deuteranopia
17269

Trichromacy



Original Color
737661

Protanomaly
1654908

Deuteranomaly
279160

Tritanomaly
280159

Monochromacy



Original Color
737661

Achromatopsia
3684408

Achromatomaly
2636625

CSS Examples

Text

The CSS property to change the color of the text to Decimal 737661 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 #0B417D looks like.

```
.text, #text, p{  
  color:#0B417D  
}
```

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 #0B417D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0B417D
}
```

Border

The CSS property to change the border of an element to Decimal 737661 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
#0B417D }
```

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

```
.border{ border-color:#0B417D }
```

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

Here you see how a box with a 4 pixel #0B417D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0B417D; -webkit-box-shadow:4px 4px  
4px 4px #0B417D; box-shadow:4px 4px 4px  
4px #0B417D }
```

Background

The CSS property to change the background color of an element to Decimal 737661 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0B417D }
```

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

```
.background{ background-color:#0B417D }
```

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