

Converting Colors

Decimal(15761)

Have a look what the booklet for
Decimal(15761) contains.

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Color

Decimal(15761)

Conversions

Conversions Part 1

Format	Color
Hex	003D91
RGB	0, 61, 145
RGB Percent	0%, 24%, 57%
CMY	1.0000, 0.7608, 0.4314
CMYK	1.00, 0.58, 0.00, 0.43
HSL	215°, 100%, 28%
HSV	215°, 100%, 57%
XYZ	6.7796, 5.3818, 27.4695
YIQ	52.3370, -63.3200, 13.1920

Conversions

Conversions Part 2

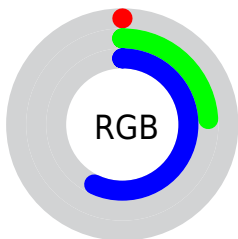
Format	Color
RYB	0, 43, 145
Decimal	15761
CIELab	27.80, 18.58, -50.86
CIELCh	28, 54.153, 290.070
Yxy	5.3818, 0.1711, 0.1358
Android (android.graphics.Color)	4278205841 (0xFF003D91)
YUV	52.3370, 45.6829, -45.8995
Hunter-Lab	23.1988, 11.5668, -53.9659

Details

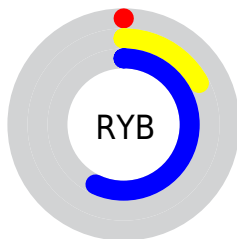
The Decimal color **15761** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **9524224**, and the grayscale version is **3421236**.

A 20% lighter version of the original color is **5401800**, and **5469** is the 20% darker color. If you saturate the color by 10%, you get **15761**, and if you desaturate by 10%, it is **935313**.

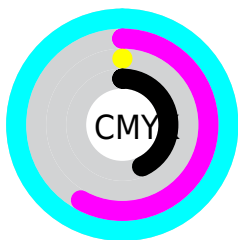
Distribution



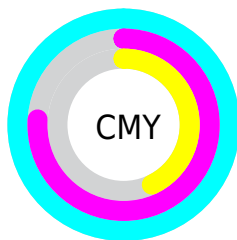
- Red (0%)
- Green (24%)
- Blue (57%)



- Red (0%)
- Yellow (17%)
- Blue (57%)



- Cyan (100%)
- Magenta (58%)
- Yellow (0%)
- Black (43%)



- Cyan (100%)
- Magenta (76%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15761 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 15761 by changing the saturation by 10% instead.

■ 15761 ■ 15761

16777215 ■ 10359

■ 5401800 ■ 5469

■ 7374308 ■ 325

■ 9281535 ■ 1070

■ 11123455 ■ 280

■ 13096447 ■ 0

■ 15004415

■ 15761

■ 935313

■ 1920657

■ 2905745

■ 3825553

■ 4810641

■ 5730193

■ 6715537

■ 7635089

■ 8620433

Harmonies

Analogous

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



19349



15761



6563192

Triad

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



15761



7939328



21042

Complementary

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



15761



9524224

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.



20224



15761



6109952

Square

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



15761



8847912



3622912



21341

Rectangle

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



15761



8129887



3622912



20771

Sweetspot

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



15761



8690877



37202



3951454



14606046



6184542

Same Dimension

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



15761



20413



655505



4211527



14727



776

Inverse Universe

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



9502781



12386383



8884480



4669507



8847417



524291

Previews

White Background



This preview shows how the Decimal color 15761 looks on a white background.

Color Contrast Check

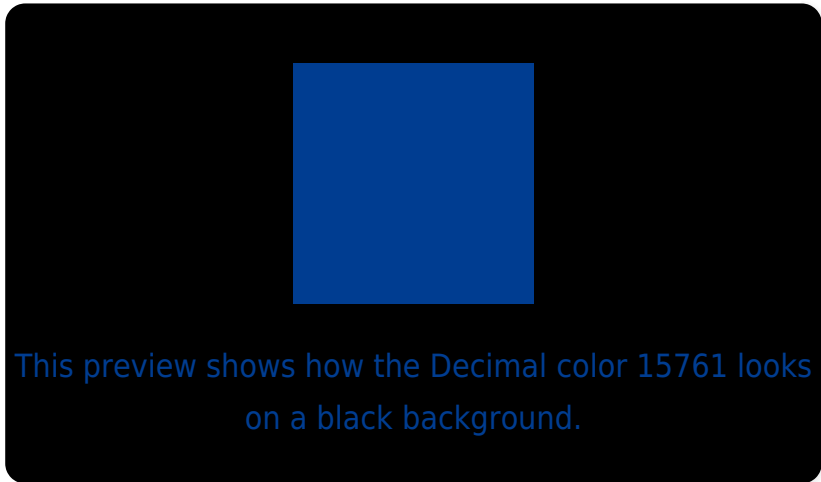
Large Text (above 18pt) WCAG AA ✓ Pass

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

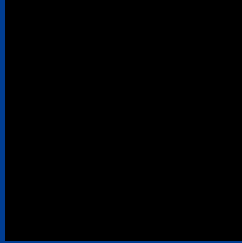
Any Text WCAG AA × Fail

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 15761 Background



This preview shows how black text looks on a background with the Decimal color 15761.



This preview shows how white text looks on a background with the Decimal color 15761.

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
15761

Protanopia
16519

Deuteranopia
17524

Trichromacy



Original Color
15761

Protanomaly
16267

Deuteranomaly
16767

Tritanomaly
17766

Monochromacy



Original Color
15761

Achromatopsia
3421236

Achromatomaly
2176854

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15761 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 #003D91 looks like.

```
.text, #text, p{  
    color:#003D91  
}
```

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 #003D91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D91
}
```

Border

The CSS property to change the border of an element to Decimal 15761 is called "border". The border property can be set on classes, ids or directly on the HTML element.

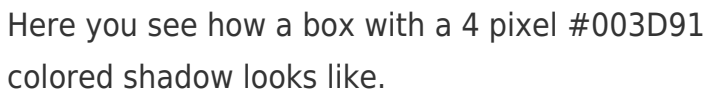
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#003D91 }
```

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

```
.border{ border-color:#003D91 }
```

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



Here you see how a box with a 4 pixel #003D91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D91; -webkit-box-shadow:4px 4px  
4px 4px #003D91; box-shadow:4px 4px 4px  
4px #003D91 }
```

Background

The CSS property to change the background color of an element to Decimal 15761 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D91 }
```

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

```
.background{ background-color:#003D91 }
```

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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