

# Converting Colors

Decimal(20357)

Have a look what the booklet for  
Decimal(20357) contains.

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# Color

**Decimal(20357)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004F85
RGB	0, 79, 133
RGB Percent	0%, 31%, 52%
CMY	1.0000, 0.6902, 0.4784
CMYK	1.00, 0.41, 0.00, 0.48
HSL	204°, 100%, 26%
HSV	204°, 100%, 52%
XYZ	7.0296, 7.2854, 23.2260
YIQ	61.5350, -64.4180, 0.0460

# Conversions

## Conversions Part 2

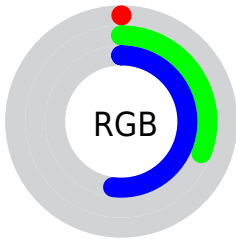
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 50, 133
Decimal	20357
CIELab	32.45, 1.05, -35.97
CIElCh	32, 35.984, 271.673
Yxy	7.2854, 0.1873, 0.1941
Android (android.graphics.Color)	4278210437 (0xFF004F85)
YUV	61.5350, 35.2322, -53.9662
Hunter-Lab	26.9915, -0.7469, -32.1246

# Details

The Decimal color **20357** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **8730112**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **5144763**, and **9043** is the 20% darker color. If you saturate the color by 10%, you get **20357**, and if you desaturate by 10%, it is **873605**.

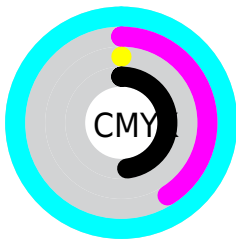
# Distribution



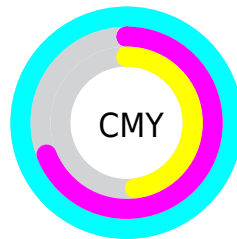
- Red (0%)
- Green (31%)
- Blue (52%)



- Red (0%)
- Yellow (20%)
- Blue (52%)



- Cyan (100%)
- Magenta (41%)
- Yellow (0%)
- Black (48%)



- Cyan (100%)
- Magenta (69%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 20357 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 20357 by changing the saturation by 10% instead.



■ 20357                      ■ 20357

16777215                      ■ 14443

■ 5144763                      ■ 9043

■ 6986454                      ■ 3387

■ 8893683                      ■ 549

■ 10735871                      ■ 270

■ 12643583                      ■ 0

■ 14548991

■ 16515071

■ 20357

■ 873605

■ 1792645

■ 2645893

■ 3499397

■ 4418181

■ 5271429

■ 6124933

■ 6978181

■ 7897221

# Harmonies

## Analogous

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



22142



20357



5194877

# Triad

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



20357



8271408



1071152

# Complementary

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



20357



8730112

# 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.



4018968



20357



7356698

# Square

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



20357



8335948



5917454



23117

# Rectangle

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



20357



6765680



5917454



2381607



# Sweetspot

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



20357



7968941



34101



3623511



14079702



5723991



# Same Dimension

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



20357



26541



3461



3948610



19842



515



# Inverse Universe

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



8716367



11337831



8747008



4340800



8519757



196610



# Previews

## White Background



This preview shows how the Decimal color 20357 looks on a white background.

## Color Contrast Check

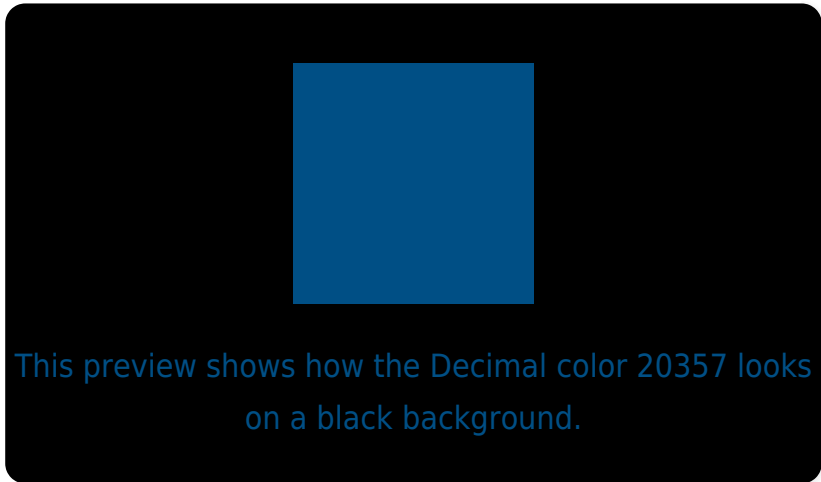
Large Text (above 18pt) WCAG AA ✓ Pass

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 20357 Background



This preview shows how black text looks on a background with the Decimal color 20357.



This preview shows how white text looks on a background with the Decimal color 20357.

# Color Blindness Simulation

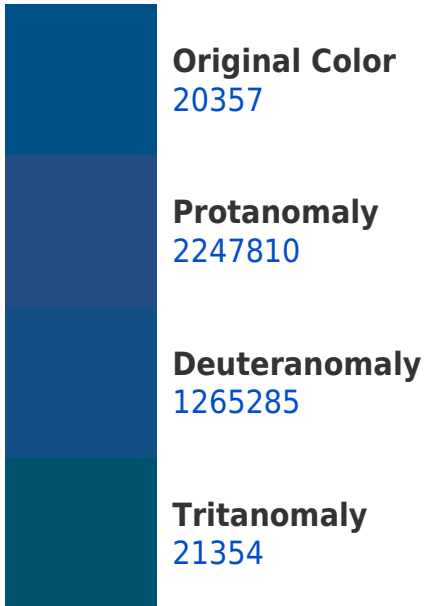
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 20357 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 #004F85 looks like.

```
.text, #text, p{  
    color:#004F85  
}
```

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 #004F85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004F85
}
```

## Border

The CSS property to change the border of an element to Decimal 20357 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".

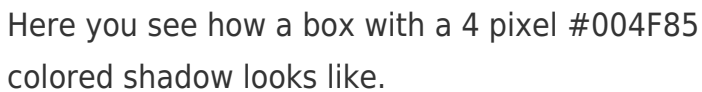
```
.border, #border, table{ border:4px solid
#004F85 }
```

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

```
.border{ border-color:#004F85 }
```

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

Here you see how a box with a 4 pixel #004F85 colored shadow looks like.

A rectangular box with a blue border and a blue shadow. The box is white with a blue border and a blue shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004F85; -webkit-box-shadow:4px 4px  
4px 4px #004F85; box-shadow:4px 4px 4px  
4px #004F85 }
```

# Background

The CSS property to change the background color of an element to Decimal 20357 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004F85 }
```

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

```
.background{ background-color:#004F85 }
```

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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