

# Converting Colors

Decimal(2363)

Have a look what the booklet for  
Decimal(2363) contains.

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# Color

**Decimal(2363)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00093B
RGB	0, 9, 59
RGB Percent	0%, 4%, 23%
CMY	1.0000, 0.9647, 0.7686
CMYK	1.00, 0.85, 0.00, 0.77
HSL	231°, 100%, 12%
HSV	231°, 100%, 23%
XYZ	0.8871, 0.5111, 4.1896
YIQ	12.0090, -21.4140, 13.6420

# Conversions

## Conversions Part 2

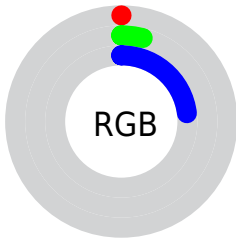
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 8, 59
Decimal	2363
CIELab	4.62, 16.41, -31.97
CIELCh	5, 35.937, 297.163
Yxy	0.5111, 0.1588, 0.0915
Android (android.graphics.Color)	4278192443 (0xFF00093B)
YUV	12.0090, 23.1666, -10.5319
Hunter-Lab	7.1494, 9.6369, -29.7395

# Details

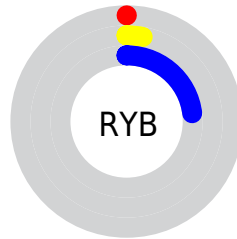
The Decimal color **2363** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **3879424**, and the grayscale version is **789516**.

A 20% lighter version of the original color is **3486827**, and **269** is the 20% darker color. If you saturate the color by 10%, you get **2363**, and if you desaturate by 10%, it is **396859**.

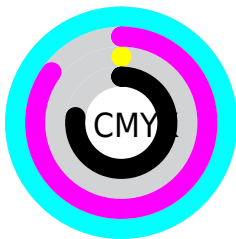
# Distribution



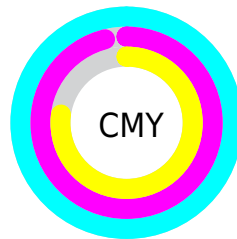
- Red (0%)
- Green (4%)
- Blue (23%)



- Red (0%)
- Yellow (3%)
- Blue (23%)



- Cyan (100%)
- Magenta (85%)
- Yellow (0%)
- Black (77%)



- Cyan (100%)
- Magenta (96%)
- Yellow (77%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 2363 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 2363 by changing the saturation by 10% instead.



■ 2363                      ■ 2363

■ 15788287                ■ 549

■ 3486827                ■ 269

■ 5131140                ■ 0

■ 6775711

■ 8486074

■ 10262230

■ 12038386

■ 13946111

■ 2363

■ 396859

■ 791355

■ 1185851

■ 1580347

■ 1909307

■ 2303803

■ 2698299

■ 3092795

■ 3487291

# Harmonies

## Analogous

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



5440



2363



2687018

# Triad

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



2363



2752768



6412

# Complementary

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



2363



3879424

# 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.



6400



2363



1576448

# Square

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



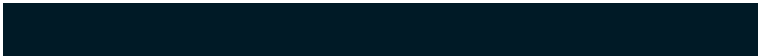
2363



3473408



5888



6694

# Rectangle

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



2363



3342364



5888



6400



# Sweetspot

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



2363



3553613



15153



1579814



10921638



2500134



# Same Dimension

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



2363



3149



1310779



1842207



3678



8926



# Inverse Universe

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



3866633



5046284



2571008



2038812



6160398



14549026



# Previews

## White Background



This preview shows how the Decimal color 2363 looks on a white background.

## Color Contrast Check

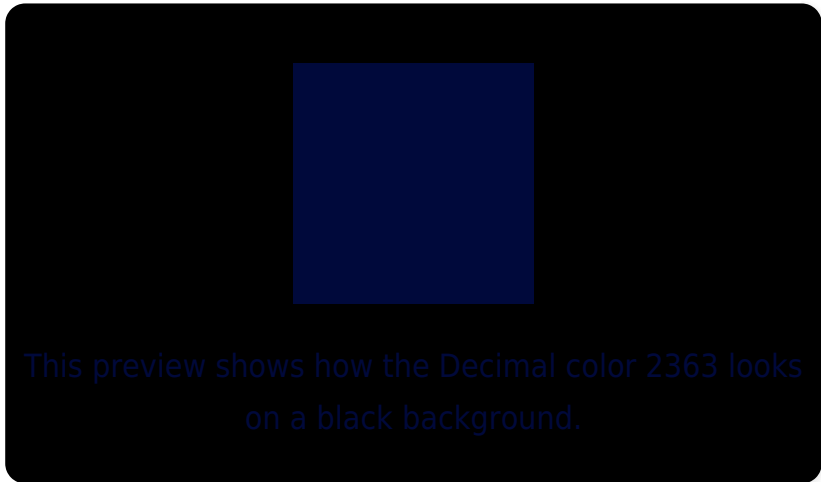
Large Text (above 18pt) WCAG AA ✓ Pass

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

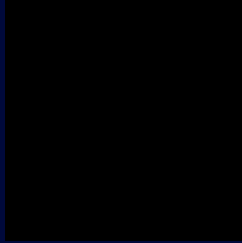
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 2363 Background



This preview shows how black text looks on a background with the Decimal color 2363.



This preview shows how white text looks on a background with the Decimal color 2363.

# 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**  
2363

**Protanopia**  
4647

**Deuteranopia**  
5153



# Trichromacy



**Original Color**  
2363

**Protanomaly**  
3886

**Deuteranomaly**  
4138

**Tritanomaly**  
4387

# Monochromacy



**Original Color**  
2363

**Achromatopsia**  
789516

**Achromatomaly**  
527133

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 2363 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 #00093B looks like.

```
.text, #text, p{  
    color:#00093B  
}
```

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 #00093B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00093B
}
```

## Border

The CSS property to change the border of an element to Decimal 2363 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
#00093B }
```

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

```
.border{ border-color:#00093B }
```

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

Here you see how a box with a 4 pixel #00093B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00093B; -webkit-box-shadow:4px 4px  
4px 4px #00093B; box-shadow:4px 4px 4px  
4px #00093B }
```

# Background

The CSS property to change the background color of an element to Decimal 2363 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00093B }
```

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

```
.background{ background-color:#00093B }
```

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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