

Converting Colors

Decimal(8051)

Have a look what the booklet for
Decimal(8051) contains.

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Color

Decimal(8051)

Conversions

Conversions Part 1

Format	Color
Hex	001F73
RGB	0, 31, 115
RGB Percent	0%, 12%, 45%
CMY	1.0000, 0.8784, 0.5490
CMYK	1.00, 0.73, 0.00, 0.55
HSL	224°, 100%, 23%
HSV	224°, 100%, 45%
XYZ	3.5845, 2.2178, 16.4588
YIQ	31.3070, -45.4400, 19.5520

Conversions

Conversions Part 2

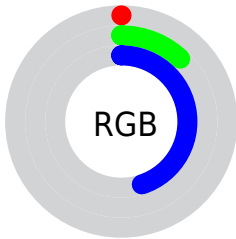
Format	Color
RYB	0, 24, 115
Decimal	8051
CIELab	16.59, 27.20, -50.35
CIELCh	17, 57.224, 298.376
Yxy	2.2178, 0.1610, 0.0996
Android (android.graphics.Color)	4278198131 (0xFF001F73)
YUV	31.3070, 41.2606, -27.4562
Hunter-Lab	14.8922, 16.9029, -55.1025

Details

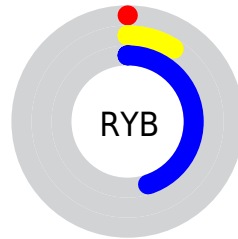
The Decimal color **8051** is a dark color, and the websafe version is hex **003399**. A complement of this color would be **7558144**, and the grayscale version is **2039583**.

A 20% lighter version of the original color is **4934568**, and **66** is the 20% darker color. If you saturate the color by 10%, you get **8051**, and if you desaturate by 10%, it is **730995**.

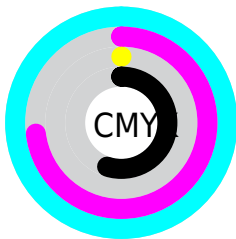
Distribution



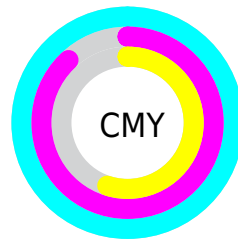
- Red (0%)
- Green (12%)
- Blue (45%)



- Red (0%)
- Yellow (9%)
- Blue (45%)



- Cyan (100%)
- Magenta (73%)
- Yellow (0%)
- Black (55%)



- Cyan (100%)
- Magenta (88%)
- Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 8051 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 8051 by changing the saturation by 10% instead.



8051



8051

16777215



2906



4934568



66



6775748



811



8617184



277



10458877



0



12300543



14208255



16181503



8051

■ 730995

■ 1519731

■ 2308211

■ 3031411

■ 3819891

■ 4542835

■ 5331571

■ 6054515

■ 6843251

Harmonies

Analogous

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



12413



8051



5505109

Triad

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



8051



5509120



14374

Complementary

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



8051



7558144

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.



13568



8051



3548928

Square

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



8051



6750208



405760



14415

Rectangle

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



8051



6684731



405760



14103

Sweetspot

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



8051



6911382



29522



3225677



13421772



5066061

Same Dimension

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



8051



10646



1638515



3487291



8570



17402

Inverse Universe

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



7536671



9830441



5927680



3880246



7995425



16384067

Previews

White Background



This preview shows how the Decimal color 8051 looks on a white background.

Color Contrast Check

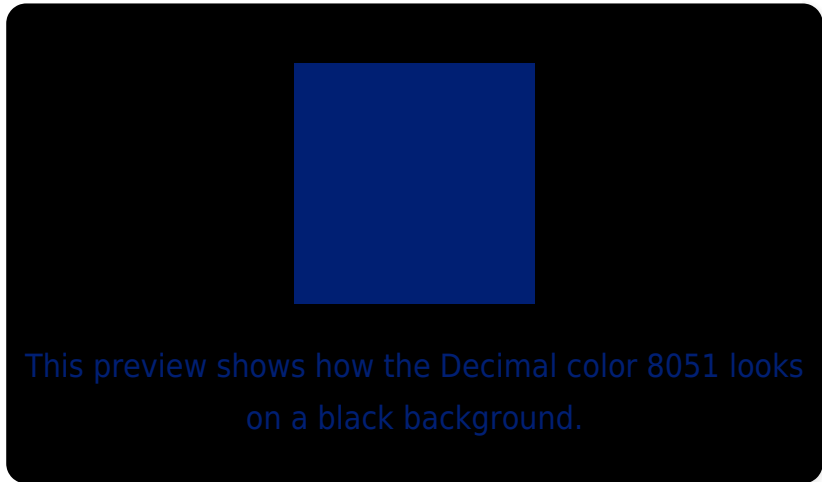
Large Text (above 18pt) WCAG AA ✓ Pass

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

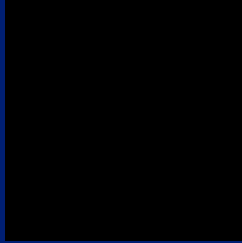
Any Text WCAG AA × Fail

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 8051 Background



This preview shows how black text looks on a background with the Decimal color 8051.



This preview shows how white text looks on a background with the Decimal color 8051.

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
8051

Protanopia
10582

Deuteranopia
11337

Trichromacy



Original Color
8051

Protanomaly
9569

Deuteranomaly
10072

Tritanomaly
10570

Monochromacy



Original Color
8051

Achromatopsia
2039583

Achromatomaly
1318718

CSS Examples

Text

The CSS property to change the color of the text to Decimal 8051 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 #001F73 looks like.

```
.text, #text, p{  
    color:#001F73  
}
```

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 #001F73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #001F73
}
```

Border

The CSS property to change the border of an element to Decimal 8051 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
#001F73 }
```

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

```
.border{ border-color:#001F73 }
```

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

Here you see how a box with a 4 pixel #001F73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #001F73; -webkit-box-shadow:4px 4px  
4px 4px #001F73; box-shadow:4px 4px 4px  
4px #001F73 }
```

Background

The CSS property to change the background color of an element to Decimal 8051 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#001F73 }
```

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

```
.background{ background-color:#001F73 }
```

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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