

Converting Colors

Decimal(810)

Have a look what the booklet for
Decimal(810) contains.

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Color

Decimal(810)

Conversions

Conversions Part 1

Format	Color
Hex	00032A
RGB	0, 3, 42
RGB Percent	0%, 1%, 16%
CMY	1.0000, 0.9882, 0.8353
CMYK	1.00, 0.93, 0.00, 0.84
HSL	236°, 100%, 8%
HSV	236°, 100%, 16%
XYZ	0.4505, 0.2323, 2.2116
YIQ	6.5490, -14.3070, 11.4930

Conversions

Conversions Part 2

Format	Color
RYB	0, 3, 42
Decimal	810
CIELab	2.10, 9.41, -23.36
CIELCh	2, 25.188, 291.935
Yxy	0.2323, 0.1556, 0.0803
Android (android.graphics.Color)	4278190890 (0xFF00032A)
YUV	6.5490, 17.4773, -5.7435
Hunter-Lab	4.8197, 8.2495, -23.8324

Details

The Decimal color **810** is a dark color, and the websafe version is hex **000033**. A complement of this color would be **2762496**, and the grayscale version is **394758**.

A 20% lighter version of the original color is **2962008**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **810**, and if you desaturate by 10%, it is **263978**.

Distribution



- Red (0%)
- Green (1%)
- Blue (16%)



- Red (0%)
- Yellow (1%)
- Blue (16%)



- Cyan (100%)
- Magenta (93%)
- Yellow (0%)
- Black (84%)



- Cyan (100%)
- Magenta (99%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 810 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 810 by changing the saturation by 10% instead.

■ 810

■ 810

■ 15000831

■ 276

■ 2962008

■ 0

■ 4540528

■ 6185098

■ 7829924

■ 9540287

■ 11316699

■ 13158648

■ 810

■ 263978

■ 527146

■ 855850

■ 1119018

■ 1382186

■ 1645098

■ 1908266

■ 2236970

■ 2500138

Harmonies

Analogous

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



3372



810



1900576

Triad

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



810



2228224



3584

Complementary

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



810



2762496

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.



3584



810



1246464

Square

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



810



2686976



3584



3864

Rectangle

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



810



2424855



3584

Sweetspot

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



810



2434870



10790



1184540



10263708



1842204

Same Dimension

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



810



1078



1179690



1184532



1620



4052

Inverse Universe

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



2752515



3538948



1649152



1315347



5505030



13893647

Previews

White Background



This preview shows how the Decimal color 810 looks on a white background.

Color Contrast Check

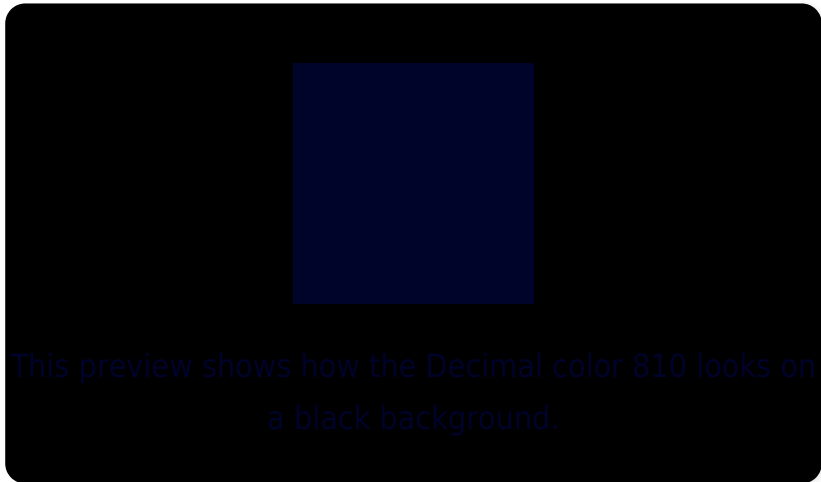
Large Text (above 18pt) WCAG AA ✓ Pass

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

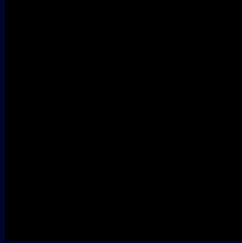
Any Text WCAG AA × Fail

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 810 Background



This preview shows how black text looks on a background with the Decimal color 810.



This preview shows how white text looks on a background with the Decimal color 810.

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
810

Protanopia
3098

Deuteranopia
3350

Trichromacy



Original Color
810

Protanomaly
2336

Deuteranomaly
2333

Tritanomaly
2585

Monochromacy



Original Color
810

Achromatopsia
460551

Achromatomaly
263700

CSS Examples

Text

The CSS property to change the color of the text to Decimal 810 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 #00032A looks like.

```
.text, #text, p{  
    color:#00032A  
}
```

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 #00032A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00032A
}
```

Border

The CSS property to change the border of an element to Decimal 810 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
#00032A }
```

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

```
.border{ border-color:#00032A }
```

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

Here you see how a box with a 4 pixel #00032A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00032A; -webkit-box-shadow:4px 4px  
4px 4px #00032A; box-shadow:4px 4px 4px  
4px #00032A }
```

Background

The CSS property to change the background color of an element to Decimal 810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00032A }
```

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

```
.background{ background-color:#00032A }
```

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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