

Converting Colors

Decimal(32830)

Have a look what the booklet for
Decimal(32830) contains.

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Color

Decimal(32830)

Conversions

Conversions Part 1

Format	Color
Hex	00803E
RGB	0, 128, 62
RGB Percent	0%, 50%, 24%
CMY	1.0000, 0.4980, 0.7569
CMYK	1.00, 0.00, 0.52, 0.50
HSL	149°, 100%, 25%
HSV	149°, 100%, 50%
XYZ	8.5887, 15.7861, 7.1518
YIQ	82.2040, -55.1020, -47.6620

Conversions

Conversions Part 2

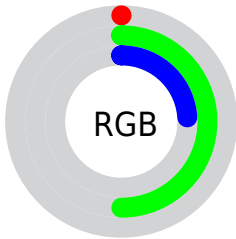
Format	Color
RYB	0, 86, 128
Decimal	32830
CIELab	46.69, -45.86, 27.40
CIELCh	47, 53.416, 149.145
Yxy	15.7861, 0.2724, 0.5007
Android (android.graphics.Color)	4278222910 (0xFF00803E)
YUV	82.2040, -9.9606, -72.0929
Hunter-Lab	39.7318, -30.9449, 17.1399

Details

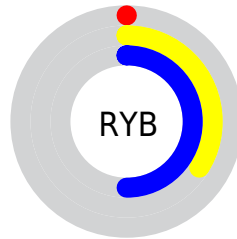
The Decimal color **32830** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **8388674**, and the grayscale version is **5395026**.

A 20% lighter version of the original color is **5224047**, and **19728** is the 20% darker color. If you saturate the color by 10%, you get **32830**, and if you desaturate by 10%, it is **884805**.

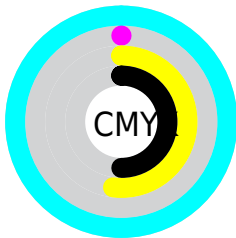
Distribution



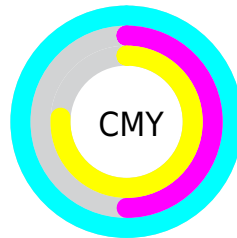
- Red (0%)
- Green (50%)
- Blue (24%)



- Red (0%)
- Yellow (34%)
- Blue (50%)



- Cyan (100%)
- Magenta (0%)
- Yellow (52%)
- Black (50%)




- Cyan (100%)
- Magenta (50%)
- Yellow (76%)


Brightness & Saturation Gradients

These gradients show how the Decimal color 32830 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 32830 by changing the saturation by 10% instead.

 32830  32830

16777215  26151

 5224047  19728

 7066249  13568

 8974243  7936

 10813374  0

 12713946

 14614519

 16580607

 32830

 884805

 1736779

 2523218

 3375192

 4227167

 5079142

 5931116

 6717555

 7569529

Harmonies

Analogous

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



5863701



32830



33644

Triad

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



32830



29897



12339270

Complementary

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



32830



8388674

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.



12337778



32830



7037885

Square

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



32830



32699



10702749



11033119

Rectangle

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



32830



33931



10702749



12534868

Sweetspot

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



32830



7644812



4358144



3560517



13948116



5526612

Same Dimension

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



32830



42576



32894



3751996



0

Inverse Universe

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



8388674



10879061



8388610



4208957



0

Previews

White Background



This preview shows how the Decimal color 32830 looks on a white background.

Color Contrast Check

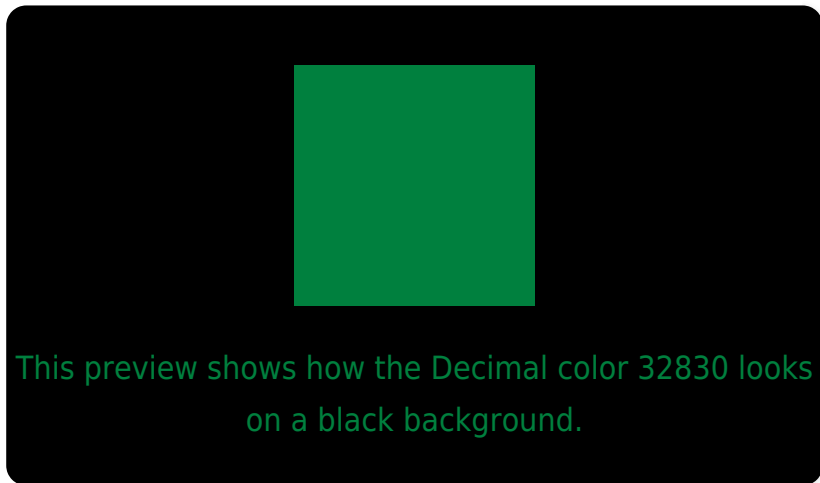
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 32830 Background



This preview shows how black text looks on a background with the Decimal color 32830.



This preview shows how white text looks on a background with the Decimal color 32830.

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
32830

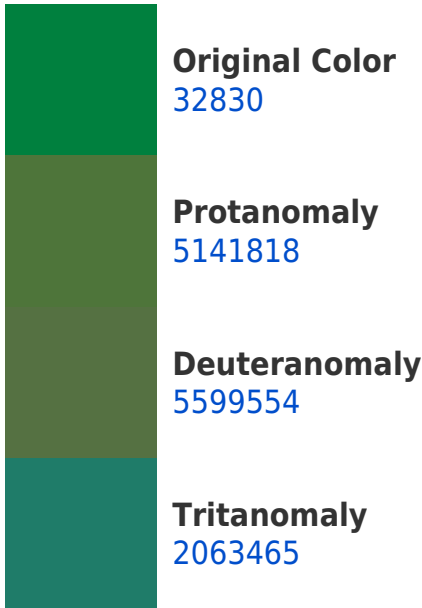
Protanopia
802368

Deuteranopia
8743236



Tritanopia
3242370

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Decimal 32830 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 #00803E looks like.

```
.text, #text, p{  
    color:#00803E  
}
```

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 #00803E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00803E
}
```

Border

The CSS property to change the border of an element to Decimal 32830 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
#00803E }
```

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

```
.border{ border-color:#00803E }
```

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

Here you see how a box with a 4 pixel #00803E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00803E; -webkit-box-shadow:4px 4px  
4px 4px #00803E; box-shadow:4px 4px 4px  
4px #00803E }
```

Background

The CSS property to change the background color of an element to Decimal 32830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00803E }
```

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

```
.background{ background-color:#00803E }
```

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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