

Converting Colors

Decimal(18230)

Have a look what the booklet for
Decimal(18230) contains.

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Color

Decimal(18230)

Conversions

Conversions Part 1

Format	Color
Hex	004736
RGB	0, 71, 54
RGB Percent	0%, 28%, 21%
CMY	1.0000, 0.7216, 0.7882
CMYK	1.00, 0.00, 0.24, 0.72
HSL	166°, 100%, 14%
HSV	166°, 100%, 28%
XYZ	2.9191, 4.7728, 4.2574
YIQ	47.8330, -36.8590, -20.3390

Conversions

Conversions Part 2

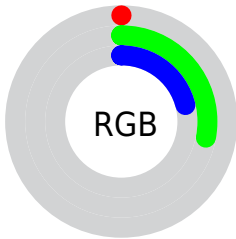
Format	Color
RYB	0, 40, 71
Decimal	18230
CIELab	26.08, -24.79, 4.66
CIELCh	26, 25.222, 169.342
Yxy	4.7728, 0.2443, 0.3994
Android (android.graphics.Color)	4278208310 (0xFF004736)
YUV	47.8330, 3.0403, -41.9495
Hunter-Lab	21.8468, -14.3813, 3.7385

Details

The Decimal color **18230** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **4653073**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **3897445**, and **7434** is the 20% darker color. If you saturate the color by 10%, you get **18230**, and if you desaturate by 10%, it is **476984**.

Distribution



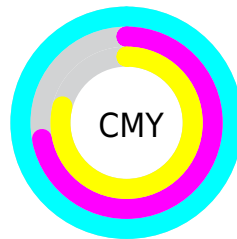
- Red (0%)
- Green (28%)
- Blue (21%)



- Red (0%)
- Yellow (16%)
- Blue (28%)



- Cyan (100%)
- Magenta (0%)
- Yellow (24%)
- Black (72%)




- Cyan (100%)
- Magenta (72%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 18230 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 18230 by changing the saturation by 10% instead.

 18230  18230

 16449535  12321

 3897445  7434

 5608062  0

 7318935

 9095346

 10872014

 12713962

 14548991

 18230

■ 476984

■ 935737

■ 1394491

■ 1853245

■ 2377535

■ 2836288

■ 3295042

■ 3753796

■ 4212549

Harmonies

Analogous

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



2573604



18230



18250

Triad

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



18230



3423074



6042401

Complementary

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



18230



4653073

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.



6434354



18230



5190743

Square

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



18230



16995



6172229



5192215

Rectangle

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



18230



18261



6172229



6238502

Sweetspot

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



18230



4217941



1197824



1912362



11382189



3026478

Same Dimension

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



18230



23622



13639



2106403



25420



58285

Inverse Universe

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



4653073



6029334



4657664



2367521



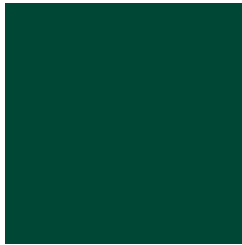
6488088



14876726

Previews

White Background



This preview shows how the Decimal color 18230 looks on a white background.

Color Contrast Check

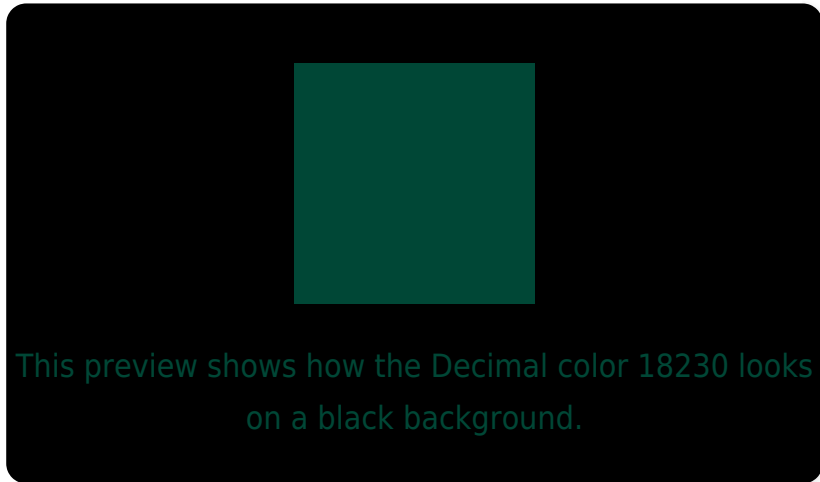
Large Text (above 18pt) WCAG AA ✓ Pass

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

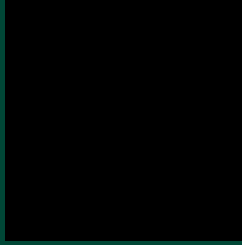
Any Text WCAG AA × Fail

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 18230 Background



This preview shows how black text looks on a background with the Decimal color 18230.



This preview shows how white text looks on a background with the Decimal color 18230.

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](#).

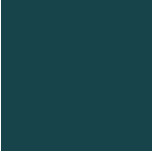
Dichromacy



Original Color
18230

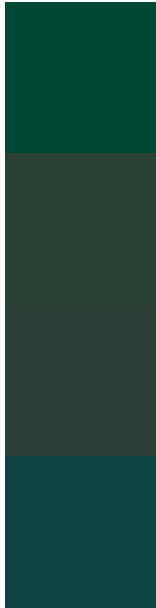
Protanopia
4341298

Deuteranopia
4602936



Tritanopia
1459274

Trichromacy



Original Color
18230

Protanomaly
2769203

Deuteranomaly
2965559

Tritanomaly
935235

Monochromacy



Original Color
18230

Achromatopsia
3158064

Achromatomaly
2046002

CSS Examples

Text

The CSS property to change the color of the text to Decimal 18230 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 #004736 looks like.

```
.text, #text, p{  
    color:#004736  
}
```

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 #004736 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004736
}
```

Border

The CSS property to change the border of an element to Decimal 18230 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
#004736 }
```

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

```
.border{ border-color:#004736 }
```

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

Here you see how a box with a 4 pixel #004736 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004736; -webkit-box-shadow:4px 4px  
4px 4px #004736; box-shadow:4px 4px 4px  
4px #004736 }
```

Background

The CSS property to change the background color of an element to Decimal 18230 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004736 }
```

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

```
.background{ background-color:#004736 }
```

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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