

# Converting Colors

Decimal(19232)

Have a look what the booklet for  
Decimal(19232) contains.

<b>Decimal(19232)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Decimal(19232)**

# Conversions

## Conversions Part 1

Format	Color
Hex	004B20
RGB	0, 75, 32
RGB Percent	0%, 29%, 13%
CMY	1.0000, 0.7059, 0.8745
CMYK	1.00, 0.00, 0.57, 0.71
HSL	146°, 100%, 15%
HSV	146°, 100%, 29%
XYZ	2.7768, 5.1364, 2.2116
YIQ	47.6730, -30.8970, -29.2730

# Conversions

## Conversions Part 2

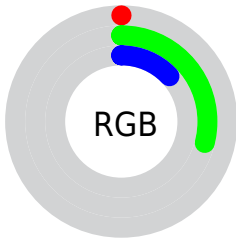
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 53, 75
Decimal	19232
CIELab	27.12, -31.87, 19.78
CIELCh	27, 37.505, 148.178
Yxy	5.1364, 0.2743, 0.5073
Android (android.graphics.Color)	4278209312 (0xFF004B20)
YUV	47.6730, -7.7268, -41.8092
Hunter-Lab	22.6637, -17.7914, 10.0789

# Details

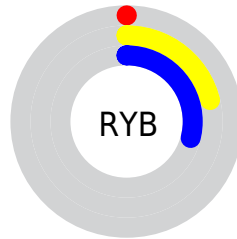
The Decimal color **19232** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4915243**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **3964237**, and **8192** is the 20% darker color. If you saturate the color by 10%, you get **19232**, and if you desaturate by 10%, it is **477988**.

# Distribution



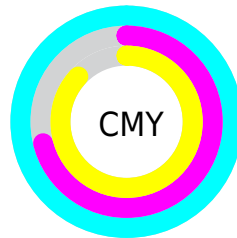
- Red (0%)
- Green (29%)
- Blue (13%)



- Red (0%)
- Yellow (21%)
- Blue (29%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (71%)



- Cyan (100%)
- Magenta (71%)
- Yellow (87%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 19232 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 19232 by changing the saturation by 10% instead.



 19232  19232

 16580607  13322

 3964237  8192

 5674853  0

 7385727

 9162393

 10939060

 12779471

 14680044

 19232

■ 477988

■ 1002281

■ 1526573

■ 1985329

■ 2509622

■ 2968378

■ 3492670

■ 3951426

■ 4475719

# Harmonies

## Analogous

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



3360261



19232



19773

# Triad

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



19232



17530



7481127

# Complementary

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



19232



4915243

# 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.



7414595



19232



3946867

# Square

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



19232



19057



6368351



6632206

# Rectangle

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



19232



19793



6368351



7545904



# Sweetspot

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



19232



4481360



2902784



2043942



11579568



3158064



# Same Dimension

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



19232



24873



19269



2237988



26156



58978



# Inverse Universe

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



4915243



6357048



4915206



2499109



6684730



15073412



# Previews

## White Background



This preview shows how the Decimal color 19232 looks on a white background.

## Color Contrast Check

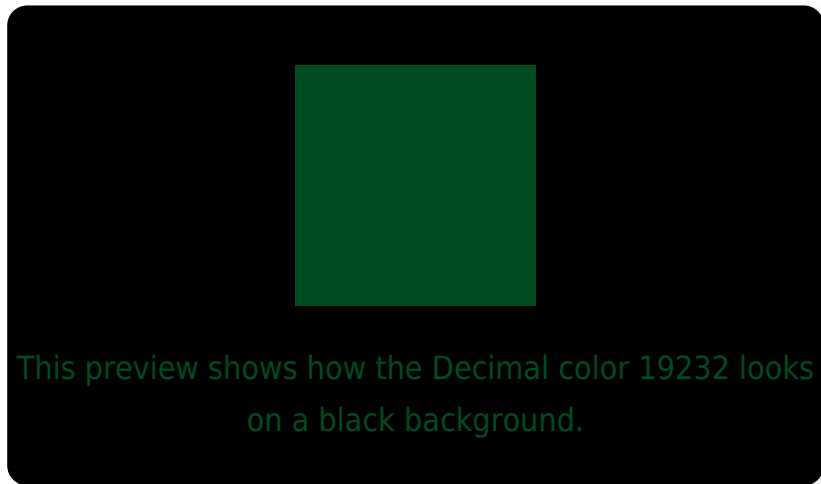
Large Text (above 18pt) WCAG AA ✓ Pass

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

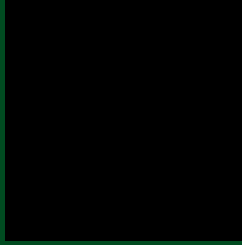
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 19232 Background



This preview shows how black text looks on a background with the Decimal color 19232.

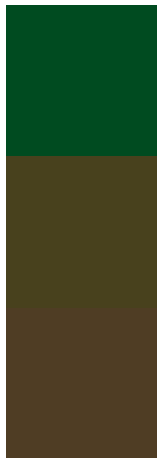


This preview shows how white text looks on a background with the Decimal color 19232.

# 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**  
19232

**Protanopia**  
4735261

**Deuteranopia**  
5192996



**Tritanopia**  
1984076

# Trichromacy



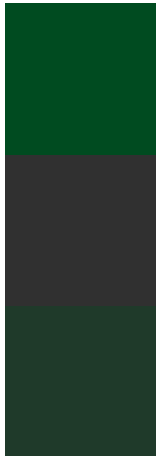
**Original Color**  
19232

**Protanomaly**  
3032350

**Deuteranomaly**  
3293731

**Tritanomaly**  
1263676

# Monochromacy



**Original Color**  
19232

**Achromatopsia**  
3158064

**Achromatomaly**  
2046506

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 19232 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 #004B20 looks like.

```
.text, #text, p{  
    color:#004B20  
}
```

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 #004B20 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #004B20
}
```

## Border

The CSS property to change the border of an element to Decimal 19232 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
#004B20 }
```

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

```
.border{ border-color:#004B20 }
```

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

Here you see how a box with a 4 pixel #004B20 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #004B20; -webkit-box-shadow:4px 4px  
4px 4px #004B20; box-shadow:4px 4px 4px  
4px #004B20 }
```

# Background

The CSS property to change the background color of an element to Decimal 19232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#004B20 }
```

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

```
.background{ background-color:#004B20 }
```

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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