

# Converting Colors

Decimal(1518630)

Have a look what the booklet for  
Decimal(1518630) contains.

<b>Decimal(1518630)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Decimal(1518630)**

# Conversions

## Conversions Part 1

Format	Color
Hex	172C26
RGB	23, 44, 38
RGB Percent	9%, 17%, 15%
CMY	0.9098, 0.8275, 0.8510
CMYK	0.48, 0.00, 0.14, 0.83
HSL	163°, 31%, 13%
HSV	163°, 48%, 17%
XYZ	1.6039, 2.1235, 2.1591
YIQ	37.0370, -10.5900, -6.3180

# Conversions

## Conversions Part 2

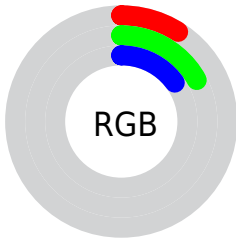
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 35, 44
Decimal	1518630
CIE Lab	16.12, -10.21, 1.25
CIE LCh	16, 10.287, 173.021
Yxy	2.1235, 0.2725, 0.3607
Android (android.graphics.Color)	4279708710 (0xFF172C26)
YUV	37.0370, 0.4748, -12.3104
Hunter-Lab	14.5721, -5.8545, 1.4159

# Details

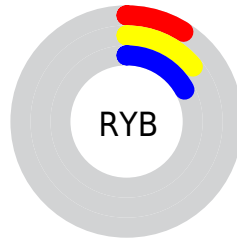
The Decimal color **1518630** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **2889501**, and the grayscale version is **2434341**.

A 20% lighter version of the original color is **4414035**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1256485**, and if you desaturate by 10%, it is **1780775**.

# Distribution



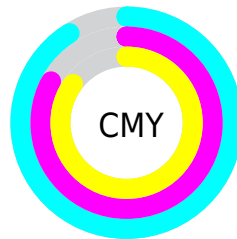
- Red (9%)
- Green (17%)
- Blue (15%)



- Red (9%)
- Yellow (14%)
- Blue (17%)



- Cyan (48%)
- Magenta (0%)
- Yellow (14%)
- Black (83%)



- Cyan (91%)
- Magenta (83%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1518630 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 1518630 by changing the saturation by 10% instead.



■ 1518630

■ 1518630

■ 16580607

■ 6161

■ 4414035

■ 0

■ 5993067

■ 7638148

■ 9283230

■ 11059641

■ 12836309

■ 14678769

■ 1518630

■ 1518630

■ 1256485

■ 1780775

■ 928803

■ 2108457

■ 666658

■ 2370602

■ 338977

■ 2698283

■ 76832

■ 2960428

■ 11295

■ 3222574

■ 3550255

■ 3812400

■ 4140081

# Harmonies

## Analogous

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



2042655



1518630



1190957

# Triad

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



1518630



2565941



3417373

# Complementary

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



1518630



2889501

# 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.



3613475



1518630



3154993

# Square

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



1518630



1845558



3482410



3090202

# Rectangle

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



1518630



1190706



3482410



3548190



# Sweetspot

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



1518630



3160118



1911831



1514523



10263708



1842204



# Same Dimension

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



1518630



1587247



1517612



1382166



22334



54937



# Inverse Universe

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



2889501



3676193



2890519



1512725



5701657

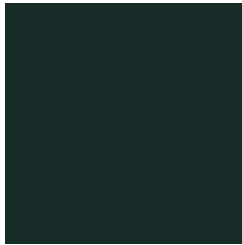


14024765



# Previews

## White Background



This preview shows how the Decimal color 1518630 looks on a white background.

## Color Contrast Check

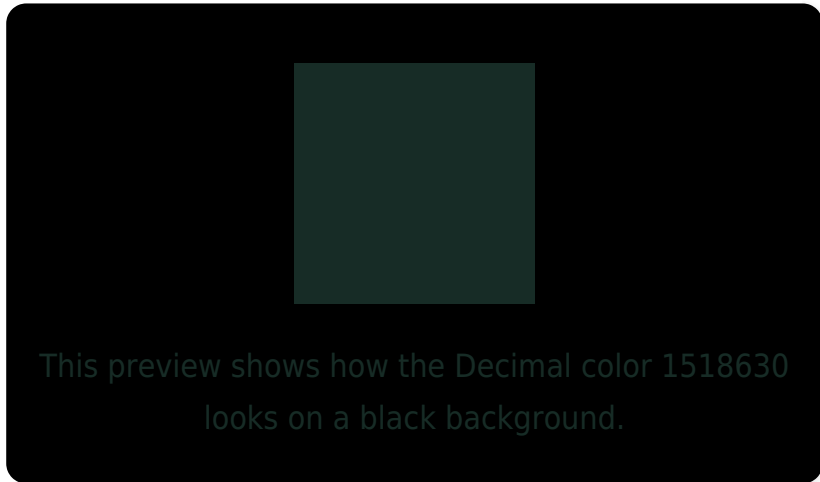
Large Text (above 18pt) WCAG AA ✓ Pass

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

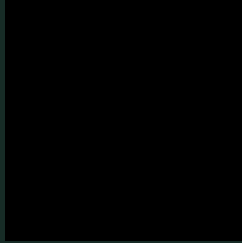
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1518630 Background



This preview shows how black text looks on a background with the Decimal color 1518630.



This preview shows how white text looks on a background with the Decimal color 1518630.

# 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](#).

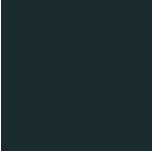
## Dichromacy



**Original Color**  
1518630

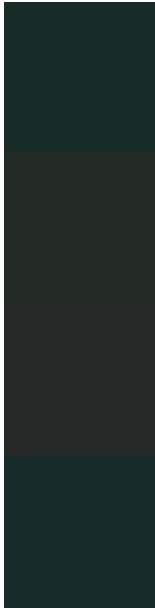
**Protanopia**  
2762788

**Deuteranopia**  
2893607



**Tritanopia**  
1649454

# Trichromacy



**Original Color**  
1518630

**Protanomaly**  
2304293

**Deuteranomaly**  
2369831

**Tritanomaly**  
1583915

# Monochromacy



**Original Color**  
1518630

**Achromatopsia**  
2434341

**Achromatomaly**  
2107429

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1518630 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 #172C26 looks like.

```
.text, #text, p{  
    color:#172C26  
}
```

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 #172C26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172C26
}
```

## Border

The CSS property to change the border of an element to Decimal 1518630 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
#172C26 }
```

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

```
.border{ border-color:#172C26 }
```

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

Here you see how a box with a 4 pixel #172C26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172C26; -webkit-box-shadow:4px 4px  
4px 4px #172C26; box-shadow:4px 4px 4px  
4px #172C26 }
```

# Background

The CSS property to change the background color of an element to Decimal 1518630 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172C26 }
```

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

```
.background{ background-color:#172C26 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor