

# Converting Colors

Decimal(1850632)

Have a look what the booklet for  
Decimal(1850632) contains.

<b>Decimal(1850632)</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(1850632)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1C3D08
RGB	28, 61, 8
RGB Percent	11%, 24%, 3%
CMY	0.8902, 0.7608, 0.9686
CMYK	0.54, 0.00, 0.87, 0.76
HSL	97°, 77%, 14%
HSV	97°, 87%, 24%
XYZ	2.1915, 3.6019, 0.8095
YIQ	45.0910, -2.6550, -23.4790

# Conversions

## Conversions Part 2

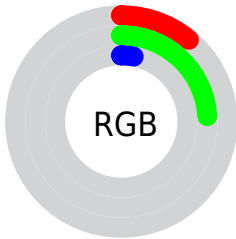
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	8, 61, 41
Decimal	1850632
CIE <sub>Lab</sub>	22.31, -22.82, 26.89
CIE <sub>LCh</sub>	22, 35.262, 130.318
Y <sub>xy</sub>	3.6019, 0.3319, 0.5455
Android (android.graphics.Color)	4280040712 (0xFF1C3D08)
YUV	45.0910, -18.2859, -14.9888
Hunter-Lab	18.9787, -12.6013, 10.7563

# Details

The Decimal color **1850632** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2689085**, and the grayscale version is **2960685**.

A 20% lighter version of the original color is **5008694**, and **3840** is the 20% darker color. If you saturate the color by 10%, you get **1588482**, and if you desaturate by 10%, it is **2112782**.

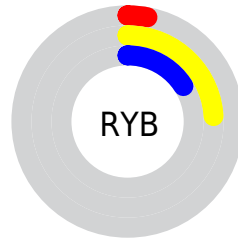
# Distribution



Red (11%)

Green (24%)

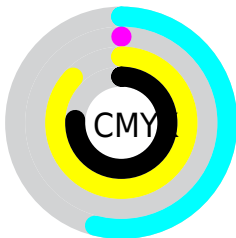
Blue (3%)



Red (3%)

Yellow (24%)

Blue (16%)

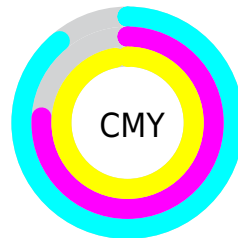


Cyan (54%)

Magenta (0%)

Yellow (87%)

Black (76%)



Cyan (89%)

Magenta (76%)

Yellow (97%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1850632 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 1850632 by changing the saturation by 10% instead.



 1850632

 1850632

 16777197

 337664

 5008694

 3840

 6653517

 0

 8298854

 10075263

 11851929

 13694132

 15531984

 1850632

 1850632

■ 1588482

■ 2112782

■ 1522944

■ 2374932

■ 2571546

■ 2833696

■ 3095847

■ 3357997

■ 3620147

■ 3816761

■ 4078911

# Harmonies

## Analogous

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



3815168



1850632



16419

# Triad

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



1850632



15719



6560045

# Complementary

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



1850632



2689085

# 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.



5971528



1850632



13673

# Square

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



1850632



16727



4336222



6234645

# Rectangle

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



1850632



16693



4336222



6494518



# Sweetspot

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



1850632



4345658



4008200



2173212



11053224



2697513



# Same Dimension

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



1850632



1986304



539918



1908508



2383360



5561856



# Inverse Universe

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



2689085



3211343



3999799



1907743



3866718

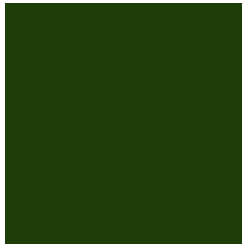


9044190



# Previews

## White Background



This preview shows how the Decimal color 1850632 looks on a white background.

## Color Contrast Check

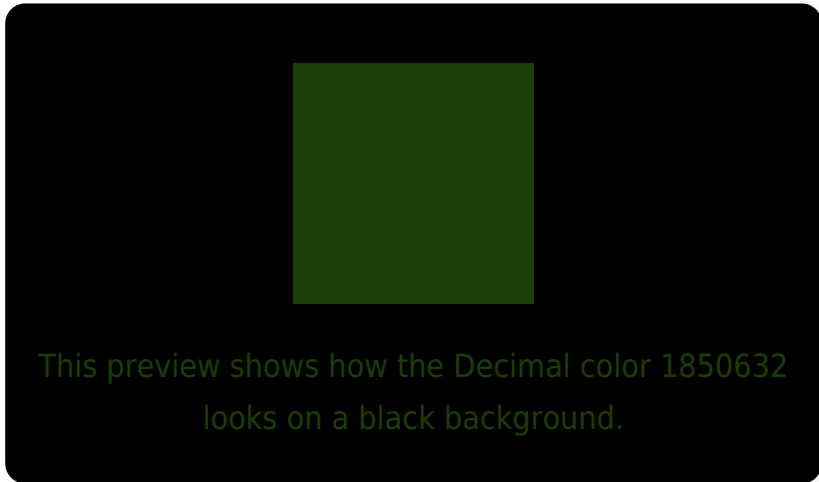
Large Text (above 18pt) WCAG AA ✓ Pass

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

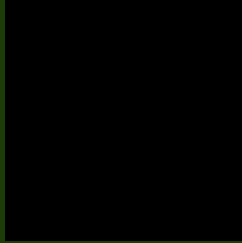
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1850632 Background



This preview shows how black text looks on a background with the Decimal color 1850632.



This preview shows how white text looks on a background with the Decimal color 1850632.

# 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](#).

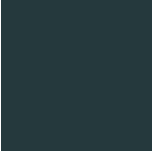
## Dichromacy



**Original Color**  
1850632

**Protanopia**  
3945989

**Deuteranopia**  
4403983



**Tritanopia**  
2439485

# Trichromacy



**Original Color**  
1850632

**Protanomaly**  
3160326

**Deuteranomaly**  
3487500

**Tritanomaly**  
2243114

# Monochromacy



**Original Color**  
1850632

**Achromatopsia**  
2960685

**Achromatomaly**  
2568992

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1850632 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 #1C3D08 looks like.

```
.text, #text, p{  
  color:#1C3D08  
}
```

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 #1C3D08 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1C3D08
}
```

## Border

The CSS property to change the border of an element to Decimal 1850632 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".

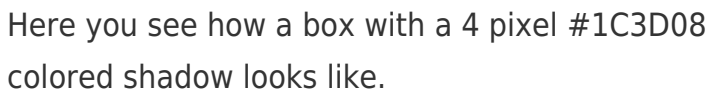
```
.border, #border, table{ border:4px solid
#1C3D08 }
```

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

```
.border{ border-color:#1C3D08 }
```

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

Here you see how a box with a 4 pixel #1C3D08 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1C3D08; -webkit-box-shadow:4px 4px  
4px 4px #1C3D08; box-shadow:4px 4px 4px  
4px #1C3D08 }
```

# Background

The CSS property to change the background color of an element to Decimal 1850632 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1C3D08 }
```

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

```
.background{ background-color:#1C3D08 }
```

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