

# Converting Colors

Decimal(1520395)

Have a look what the booklet for  
Decimal(1520395) contains.

<b>Decimal(1520395)</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(1520395)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17330B
RGB	23, 51, 11
RGB Percent	9%, 20%, 4%
CMY	0.9098, 0.8000, 0.9569
CMYK	0.55, 0.00, 0.78, 0.80
HSL	102°, 65%, 12%
HSV	102°, 78%, 20%
XYZ	1.5976, 2.5740, 0.7292
YIQ	38.0680, -3.8480, -18.3760

# Conversions

## Conversions Part 2

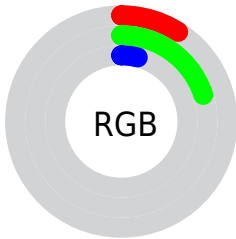
<b>Format</b>	<b>Color</b>
<b>RYB</b>	11, 51, 39
Decimal	1520395
CIELab	18.25, -19.55, 21.03
CIELCh	18, 28.717, 132.904
Yxy	2.5740, 0.3260, 0.5252
Android (android.graphics.Color)	4279710475 (0xFF17330B)
YUV	38.0680, -13.3445, -13.2146
Hunter-Lab	16.0436, -10.3017, 8.5356

# Details

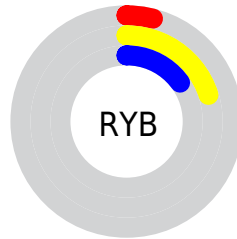
The Decimal color **1520395** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2558771**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **4547127**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1258246**, and if you desaturate by 10%, it is **1782544**.

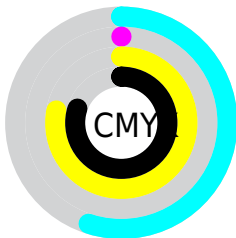
# Distribution



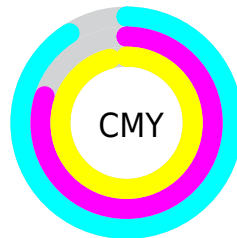
- Red (9%)
- Green (20%)
- Blue (4%)



- Red (4%)
- Yellow (20%)
- Blue (15%)



- Cyan (55%)
- Magenta (0%)
- Yellow (78%)
- Black (80%)



- Cyan (91%)
- Magenta (80%)
- Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1520395 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 1520395 by changing the saturation by 10% instead.



 1520395

 1520395

 16777197

 7936

 4547127

 0

 6126414

 7771494

 9482112

 11258778

 13100981

 14942160

 1520395

 1520395

■ 1258246

■ 1782544

■ 1061633

■ 1979157

■ 996096

■ 2241306

■ 2437919

■ 2700069

■ 2896682

■ 3158831

■ 3420980

■ 3617593

# Harmonies

## Analogous

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



3091968



1520395



13600

# Triad

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



1520395



12884



5380132

# Complementary

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



1520395



2558771

# 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.



4987449



1520395



1125461

# Square

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



1520395



13640



3744587



5053969

# Rectangle

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



1520395



13870



3744587



5314603



# Sweetspot

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



1520395



3621426



3352331



1712408



10592673



2171169



# Same Dimension

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



1520395



1524228



733971



1579543



1792256



4315392



# Inverse Universe

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



2558771



3146818



3345195



1644314



4063321

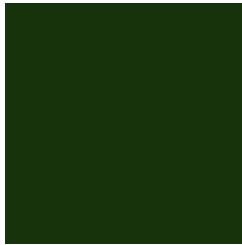


9961689



# Previews

## White Background



This preview shows how the Decimal color 1520395 looks on a white background.

## Color Contrast Check

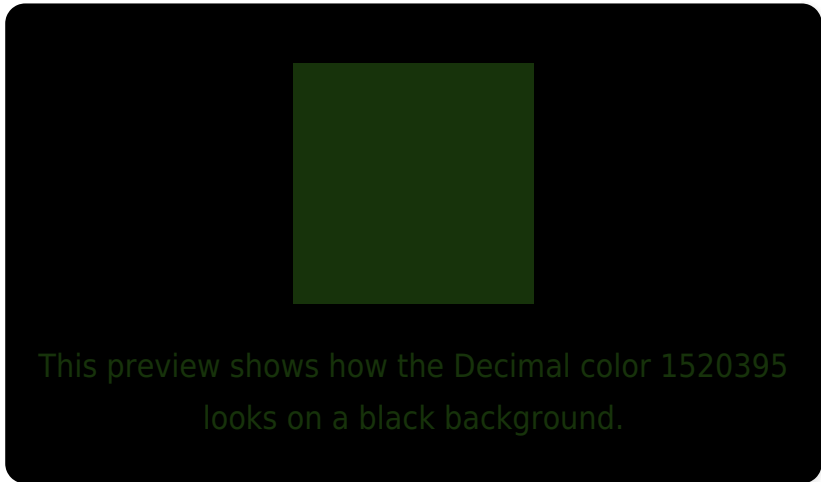
Large Text (above 18pt) WCAG AA ✓ Pass

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

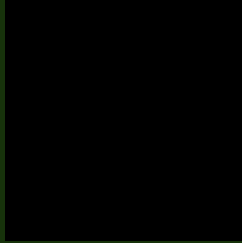
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1520395 Background



This preview shows how black text looks on a background with the Decimal color 1520395.



This preview shows how white text looks on a background with the Decimal color 1520395.

# 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**  
1520395

**Protanopia**  
3288329

**Deuteranopia**  
3680783



**Tritanopia**  
1978419

# Trichromacy



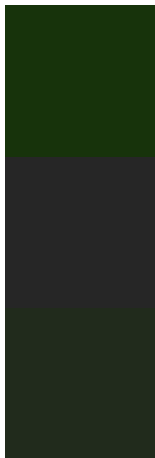
**Original Color**  
1520395

**Protanomaly**  
2633482

**Deuteranomaly**  
2895118

**Tritanomaly**  
1782052

# Monochromacy



**Original Color**  
1520395

**Achromatopsia**  
2500134

**Achromatomaly**  
2173724

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1520395 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 #17330B looks like.

```
.text, #text, p{  
    color:#17330B  
}
```

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 #17330B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17330B
}
```

## Border

The CSS property to change the border of an element to Decimal 1520395 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".

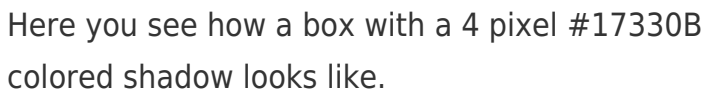
```
.border, #border, table{ border:4px solid
#17330B }
```

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

```
.border{ border-color:#17330B }
```

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

Here you see how a box with a 4 pixel #17330B 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 #17330B; -webkit-box-shadow:4px 4px  
4px 4px #17330B; box-shadow:4px 4px 4px  
4px #17330B }
```

# Background

The CSS property to change the background color of an element to Decimal 1520395 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17330B }
```

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

```
.background{ background-color:#17330B }
```

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