

# Converting Colors

Decimal(1529125)

Have a look what the booklet for  
Decimal(1529125) contains.

<b>Decimal(1529125)</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(1529125)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	175525
RGB	23, 85, 37
RGB Percent	9%, 33%, 15%
CMY	0.9098, 0.6667, 0.8549
CMYK	0.73, 0.00, 0.56, 0.67
HSL	134°, 57%, 21%
HSV	134°, 73%, 33%
XYZ	3.9358, 6.8127, 2.8578
YIQ	60.9900, -21.5440, -28.0720

# Conversions

## Conversions Part 2

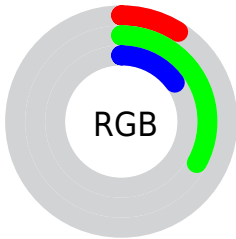
<b>Format</b>	<b>Color</b>
<b>RYB</b>	23, 74, 85
Decimal	1529125
CIELab	31.38, -31.23, 22.25
CIELCh	31, 38.342, 144.533
Yxy	6.8127, 0.2893, 0.5007
Android (android.graphics.Color)	4279719205 (0xFF175525)
YUV	60.9900, -11.8271, -33.3172
Hunter-Lab	26.1012, -18.7612, 11.7792

# Details

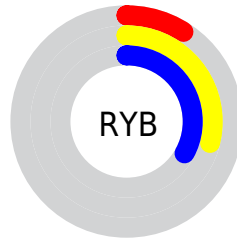
The Decimal color **1529125** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5576519**, and the grayscale version is **4013373**.

A 20% lighter version of the original color is **5015379**, and **9984** is the 20% darker color. If you saturate the color by 10%, you get **1004830**, and if you desaturate by 10%, it is **2053420**.

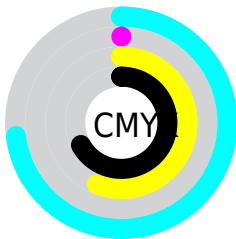
# Distribution



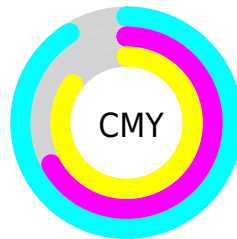
- Red (9%)
- Green (33%)
- Blue (15%)



- Red (9%)
- Yellow (29%)
- Blue (33%)



- Cyan (73%)
- Magenta (0%)
- Yellow (56%)
- Black (67%)



- Cyan (91%)
- Magenta (67%)
- Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the Decimal color 1529125 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 1529125 by changing the saturation by 10% instead.





1529125



1529125

16777215



15631



5015379



9984



6660716



2304



8437125



0



10213791



11990714



13828054



15728627



1529125



1529125

■ 1004830

■ 2053420

■ 415000

■ 2643250

■ 21779

■ 3167545

■ 3757375

■ 4347206

■ 4871500

■ 5395795

■ 5985626

■ 6509920

# Harmonies

## Analogous

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



4280076



1529125



22595

# Triad

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



1529125



20358



8335155

# Complementary

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



1529125



5576519

# 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.



8203601



1529125



4211841

# Square

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



1529125



21882



6895469



7551513

# Rectangle

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



1529125



22616



6895469



8400188



# Sweetspot

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



1529125



5664347



4740375



2766893



12105912



3684408



# Same Dimension

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



1529125



880163



1529155



2566952



27416



60213



# Inverse Universe

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



5576519



7212376



5576489



2828074



7012435

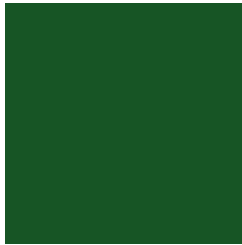


15401142



# Previews

## White Background



This preview shows how the Decimal color 1529125 looks on a white background.

## Color Contrast Check

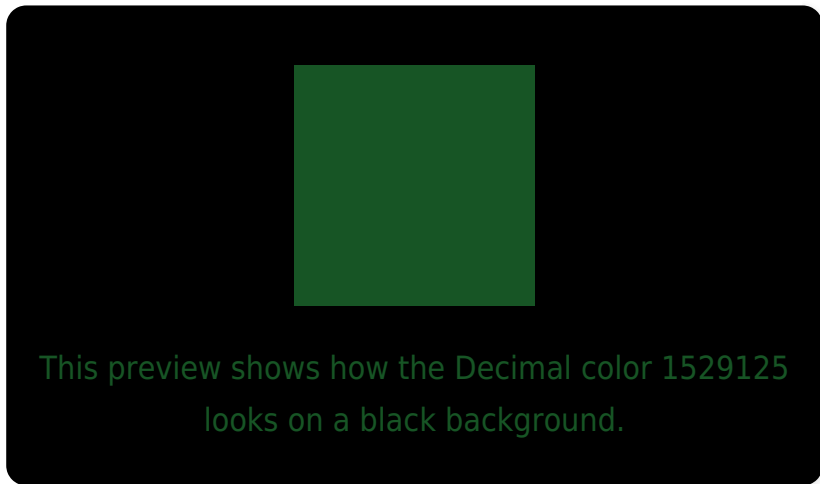
Large Text (above 18pt) WCAG AA ✓ Pass

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

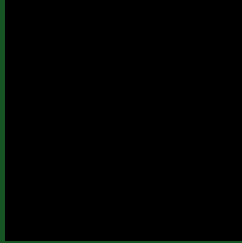
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Decimal 1529125 Background



This preview shows how black text looks on a background with the Decimal color 1529125.



This preview shows how white text looks on a background with the Decimal color 1529125.

# 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**  
1529125

**Protanopia**  
5392929

**Deuteranopia**  
5916201



**Tritanopia**  
2576470

# Trichromacy



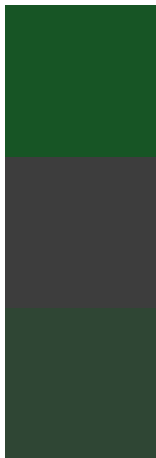
**Original Color**  
1529125

**Protanomaly**  
4017698

**Deuteranomaly**  
4344616

**Tritanomaly**  
2183748

# Monochromacy



**Original Color**  
1529125

**Achromatopsia**  
4013373

**Achromatomaly**  
3098164

# CSS Examples

## Text

The CSS property to change the color of the text to Decimal 1529125 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 #175525 looks like.

```
.text, #text, p{  
    color:#175525  
}
```

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 #175525 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #175525
}
```

## Border

The CSS property to change the border of an element to Decimal 1529125 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".

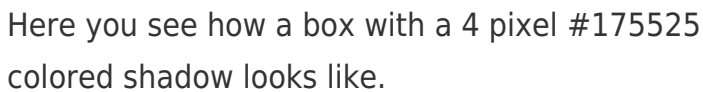
```
.border, #border, table{ border:4px solid
#175525 }
```

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

```
.border{ border-color:#175525 }
```

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

Here you see how a box with a 4 pixel #175525 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #175525; -webkit-box-shadow:4px 4px  
4px 4px #175525; box-shadow:4px 4px 4px  
4px #175525 }
```

# Background

The CSS property to change the background color of an element to Decimal 1529125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#175525 }
```

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

```
.background{ background-color:#175525 }
```

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