

Converting Colors

Decimal(1516049)

Have a look what the booklet for
Decimal(1516049) contains.

Decimal(1516049)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Decimal(1516049)

Conversions

Conversions Part 1

Format	Color
Hex	172211
RGB	23, 34, 17
RGB Percent	9%, 13%, 7%
CMY	0.9098, 0.8667, 0.9333
CMYK	0.32, 0.00, 0.50, 0.87
HSL	99°, 33%, 10%
HSV	99°, 50%, 13%
XYZ	1.0266, 1.3667, 0.7400
YIQ	28.7730, -1.0990, -7.6190

Conversions

Conversions Part 2

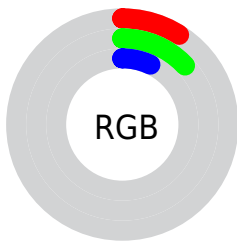
Format	Color
R_{YB}	17, 34, 28
Decimal	1516049
CIE _{Lab}	11.73, -9.02, 9.65
CIE _{LCh}	12, 13.207, 133.080
Yxy	1.3667, 0.3276, 0.4362
Android (android.graphics.Color)	4279706129 (0xFF172211)
YUV	28.7730, -5.8041, -5.0629
Hunter-Lab	11.6905, -4.7842, 4.4303

Details

The Decimal color **1516049** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **1839394**, and the grayscale version is **1907997**.

A 20% lighter version of the original color is **4345403**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1384974**, and if you desaturate by 10%, it is **1647124**.

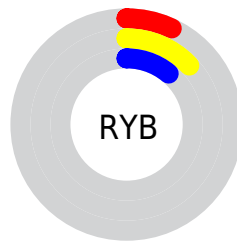
Distribution



Red (9%)

Green (13%)

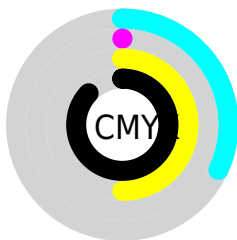
Blue (7%)



Red (7%)

Yellow (13%)

Blue (11%)

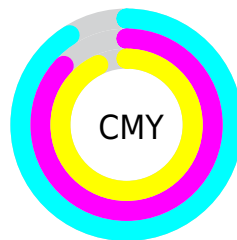


Cyan (32%)

Magenta (0%)

Yellow (50%)

Black (87%)



Cyan (91%)

Magenta (87%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1516049 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 1516049 by changing the saturation by 10% instead.

■ 1516049

■ 1516049

■ 16449521

■ 3072

■ 4345403

■ 0

■ 5924434

■ 7503723

■ 9214340

■ 10925214

■ 12701881

■ 14544085

■ 1516049

■ 1516049

■ 1384974

■ 1647124

■ 1253898

■ 1778200

■ 1057287

■ 1974811

■ 926211

■ 2105887

■ 795136

■ 2236962

■ 2368037

■ 2499113

■ 2695724

■ 2826800

Harmonies

Analogous

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



2170891



1516049



729881

Triad

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



1516049



467248



3151899

Complementary

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



1516049



1839394

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.



2955300



1516049



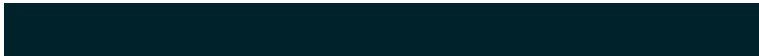
1580849

Square

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



1516049



9003



2431788



3086867

Rectangle

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



1516049



205856



2431788



3151902

Sweetspot

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



1516049



2566949



2235409



1316627



9868950



1513239

Same Dimension

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



1516049



1780497



1122835



1118736



1921536



4903168

Inverse Universe

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



1839394



2232619



2232608



1118226



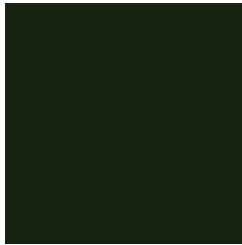
3473490



8847569

Previews

White Background



This preview shows how the Decimal color 1516049 looks on a white background.

Color Contrast Check

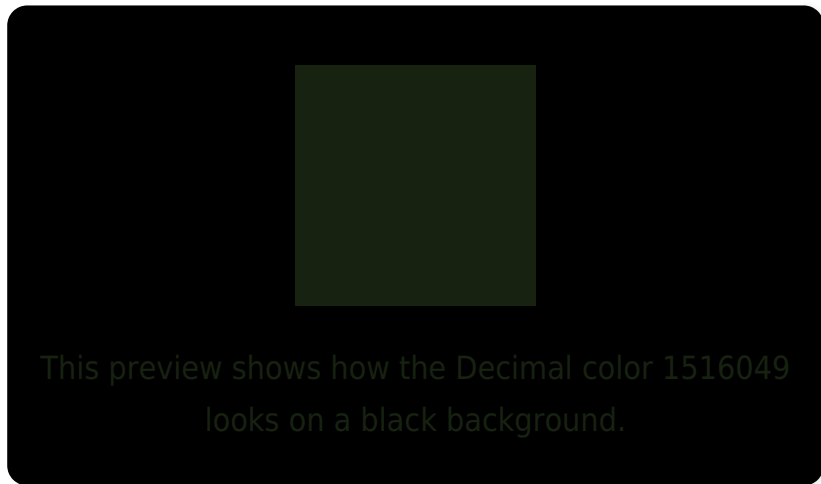
Large Text (above 18pt) WCAG AA ✓ Pass

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

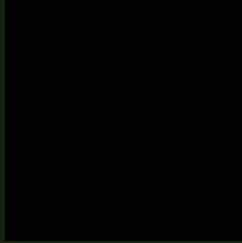
Any Text WCAG AA × Fail

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 1516049 Background



This preview shows how black text looks on a background with the Decimal color 1516049.

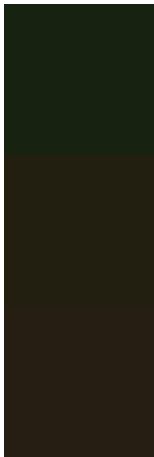


This preview shows how white text looks on a background with the Decimal color 1516049.

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
1516049

Protanopia
2236176

Deuteranopia
2498066



Tritanopia
1712163

Trichromacy



Original Color

1516049

Protanomaly

1974288

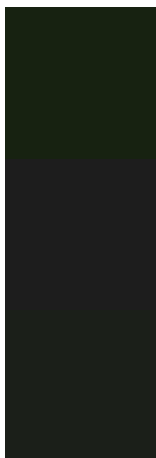
Deuteranomaly

2170642

Tritanomaly

1646876

Monochromacy



Original Color

1516049

Achromatopsia

1907997

Achromatomaly

1777433

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1516049 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 #172211 looks like.

```
.text, #text, p{  
  color:#172211  
}
```

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 #172211 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #172211
}
```

Border

The CSS property to change the border of an element to Decimal 1516049 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
#172211 }
```

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

```
.border{ border-color:#172211 }
```

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

Here you see how a box with a 4 pixel #172211 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #172211; -webkit-box-shadow:4px 4px  
4px 4px #172211; box-shadow:4px 4px 4px  
4px #172211 }
```

Background

The CSS property to change the background color of an element to Decimal 1516049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#172211 }
```

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

```
.background{ background-color:#172211 }
```

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