

Converting Colors

Decimal(1517389)

Have a look what the booklet for
Decimal(1517389) contains.

Decimal(1517389)	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(1517389)

Conversions

Conversions Part 1

Format	Color
Hex	17274D
RGB	23, 39, 77
RGB Percent	9%, 15%, 30%
CMY	0.9098, 0.8471, 0.6980
CMYK	0.70, 0.49, 0.00, 0.70
HSL	222°, 54%, 20%
HSV	222°, 70%, 30%
XYZ	2.4184, 2.1690, 7.3124
YIQ	38.5480, -21.7340, 8.4260

Conversions

Conversions Part 2

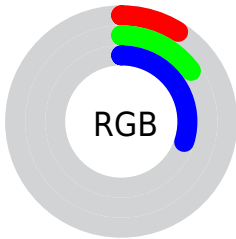
Format	Color
R_{YB}	23, 35, 77
Decimal	1517389
CIE Lab	16.35, 7.62, -25.52
CIE LCh	16, 26.632, 286.628
Yxy	2.1690, 0.2032, 0.1823
Android (android.graphics.Color)	4279707469 (0xFF17274D)
YUV	38.5480, 18.9568, -13.6356
Hunter-Lab	14.7276, 3.5383, -19.1287

Details

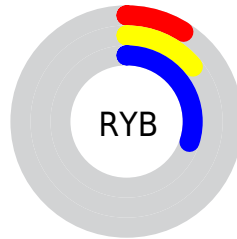
The Decimal color **1517389** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5061911**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **4805758**, and **544** is the 20% darker color. If you saturate the color by 10%, you get **991821**, and if you desaturate by 10%, it is **2042957**.

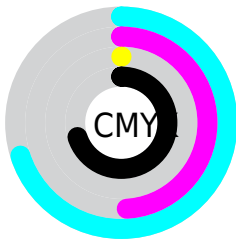
Distribution



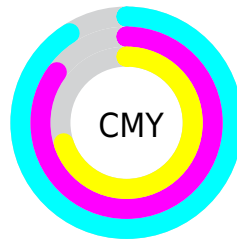
- Red (9%)
- Green (15%)
- Blue (30%)



- Red (9%)
- Yellow (14%)
- Blue (30%)



- Cyan (70%)
- Magenta (49%)
- Yellow (0%)
- Black (70%)



- Cyan (91%)
- Magenta (85%)
- Yellow (70%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1517389 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 1517389 by changing the saturation by 10% instead.

■ 1517389

■ 1517389

16777215

■ 4918

■ 4805758

■ 544

■ 6450328

■ 5

■ 8160691

■ 0

■ 9871311

■ 11647723

■ 13489919

■ 15397631

■ 1517389

■ 1517389

■ 991821

■ 2042957

■ 531533

■ 2503245

■ 5965

■ 3028813

■ 3554637

■ 4080205

■ 4540493

■ 5066061

■ 5591629

■ 6051917

Harmonies

Analogous

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



11597



1517389



3612483

Triad

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



1517389



4529420



12575

Complementary

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



1517389



5061911

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.



1191692



1517389



3810304

Square

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



1517389



4920863



2697984



12595

Rectangle

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



1517389



4397368



2697984



12313

Sweetspot

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



1517389



5199203



1527101



2501171



11776947



3355443

Same Dimension

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



1517389



1059171



2234189



2237478



7782



17638

Inverse Universe

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



5052199



6492201



4345111



2499108



6684702



15073348

Previews

White Background



This preview shows how the Decimal color 1517389 looks on a white background.

Color Contrast Check

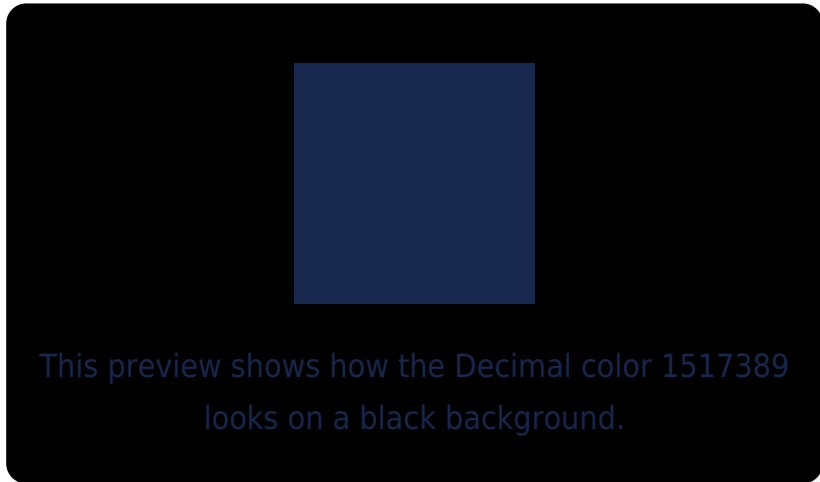
Large Text (above 18pt) WCAG AA ✓ Pass

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

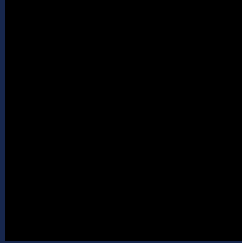
Any Text WCAG AA × Fail

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 1517389 Background



This preview shows how black text looks on a background with the Decimal color 1517389.



This preview shows how white text looks on a background with the Decimal color 1517389.

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
1517389

Protanopia
1255245

Deuteranopia
10825

Trichromacy



Original Color
1517389

Protanomaly
1320781

Deuteranomaly
534858

Tritanomaly
535355

Monochromacy



Original Color
1517389

Achromatopsia
2565927

Achromatomaly
2172725

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1517389 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 #17274D looks like.

```
.text, #text, p{  
  color:#17274D  
}
```

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 #17274D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #17274D
}
```

Border

The CSS property to change the border of an element to Decimal 1517389 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
#17274D }
```

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

```
.border{ border-color:#17274D }
```

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

Here you see how a box with a 4 pixel #17274D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #17274D; -webkit-box-shadow:4px 4px  
4px 4px #17274D; box-shadow:4px 4px 4px  
4px #17274D }
```

Background

The CSS property to change the background color of an element to Decimal 1517389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#17274D }
```

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

```
.background{ background-color:#17274D }
```

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