

Converting Colors

Decimal(1717032)

Have a look what the booklet for
Decimal(1717032) contains.

Decimal(1717032)	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(1717032)

Conversions

Conversions Part 1

Format	Color
Hex	1A3328
RGB	26, 51, 40
RGB Percent	10%, 20%, 16%
CMY	0.8980, 0.8000, 0.8431
CMYK	0.49, 0.00, 0.22, 0.80
HSL	154°, 32%, 15%
HSV	154°, 49%, 20%
XYZ	1.9928, 2.7405, 2.4314
YIQ	42.2710, -11.3690, -8.7210

Conversions

Conversions Part 2

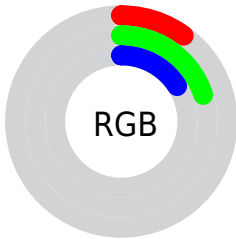
Format	Color
R_{YB}	26, 42, 51
Decimal	1717032
CIE _{Lab}	18.97, -12.87, 3.98
CIE _{LCh}	19, 13.473, 162.826
Yxy	2.7405, 0.2781, 0.3825
Android (android.graphics.Color)	4279907112 (0xFF1A3328)
YUV	42.2710, -1.1196, -14.2697
Hunter-Lab	16.5544, -7.4821, 2.8799

Details

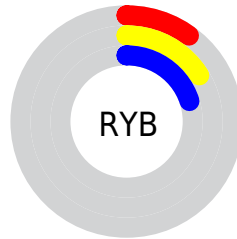
The Decimal color **1717032** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3349029**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **4678229**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1389350**, and if you desaturate by 10%, it is **2044714**.

Distribution



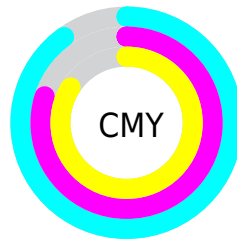
- Red (10%)
- Green (20%)
- Blue (16%)



- Red (10%)
- Yellow (16%)
- Blue (20%)



- Cyan (49%)
- Magenta (0%)
- Yellow (22%)
- Black (80%)



- Cyan (90%)
- Magenta (80%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1717032 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 1717032 by changing the saturation by 10% instead.

■ 1717032

■ 1717032

16777215

■ 269844

■ 4678229

■ 0

■ 6257261

■ 7902343

■ 9613217

■ 11389628

■ 13166551

■ 15007732

■ 1717032

■ 1717032

■ 1389350

■ 2044714

■ 1061668

■ 2372396

■ 733985

■ 2700079

■ 406303

■ 3027761

■ 13085

■ 3420979

■ 3748661

■ 4076344

■ 4404026

■ 4731708

Harmonies

Analogous

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



2502943



1717032



996146

Triad

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



1717032



2567745



4204577

Complementary

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



1717032



3349029

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.



4269866



1717032



3484220

Square

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



1717032



1585473



4073268



3812380

Rectangle

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



1717032



799544



4073268



4270116

Sweetspot

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



1717032



3686974



2437914



1777951



10592673



2171169

Same Dimension

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



1717032



1786417



1716787



1514008



22834



55673

Inverse Universe

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



3349029



4332332



3349274



1709848



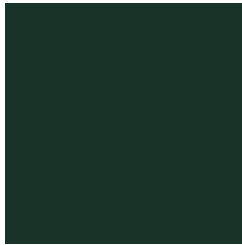
5832743



14221407

Previews

White Background



This preview shows how the Decimal color 1717032 looks on a white background.

Color Contrast Check

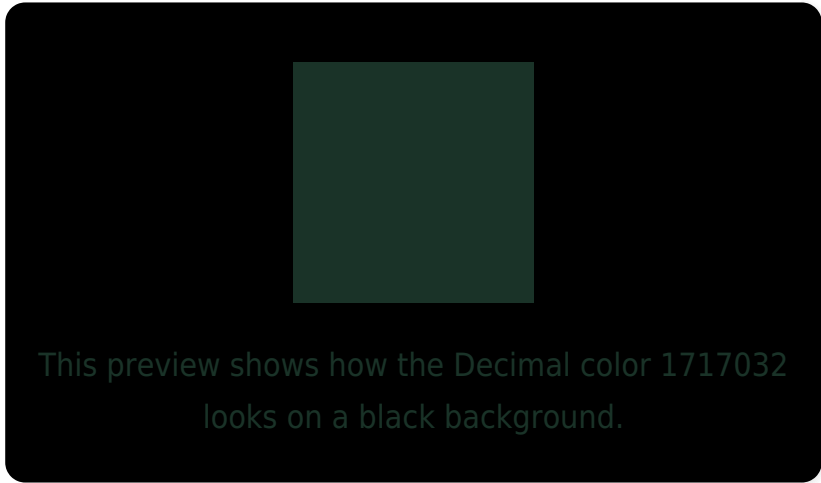
Large Text (above 18pt) WCAG AA ✓ Pass

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

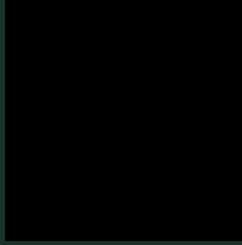
Any Text WCAG AA × Fail

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 1717032 Background



This preview shows how black text looks on a background with the Decimal color 1717032.



This preview shows how white text looks on a background with the Decimal color 1717032.

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
1717032

Protanopia
3223078

Deuteranopia
3419177



Tritanopia
1978677

Trichromacy



Original Color

1717032

Protanomaly

2699303

Deuteranomaly

2830121

Tritanomaly

1913392

Monochromacy



Original Color

1717032

Achromatopsia

2763306

Achromatomaly

2370857

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1717032 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 #1A3328 looks like.

```
.text, #text, p{  
  color:#1A3328  
}
```

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 #1A3328 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A3328
}
```

Border

The CSS property to change the border of an element to Decimal 1717032 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".

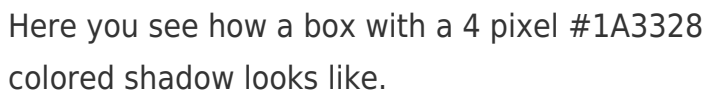
```
.border, #border, table{ border:4px solid
#1A3328 }
```

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

```
.border{ border-color:#1A3328 }
```

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

Here you see how a box with a 4 pixel #1A3328 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A3328; -webkit-box-shadow:4px 4px  
4px 4px #1A3328; box-shadow:4px 4px 4px  
4px #1A3328 }
```

Background

The CSS property to change the background color of an element to Decimal 1717032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A3328 }
```

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

```
.background{ background-color:#1A3328 }
```

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