

Converting Colors

Decimal(1991751)

Have a look what the booklet for
Decimal(1991751) contains.

Decimal(1991751)	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(1991751)

Conversions

Conversions Part 1

Format	Color
Hex	1E6447
RGB	30, 100, 71
RGB Percent	12%, 39%, 28%
CMY	0.8824, 0.6078, 0.7216
CMYK	0.70, 0.00, 0.29, 0.61
HSL	155°, 54%, 25%
HSV	155°, 70%, 39%
XYZ	6.2299, 9.8453, 7.5332
YIQ	75.7640, -32.4110, -23.8590

Conversions

Conversions Part 2

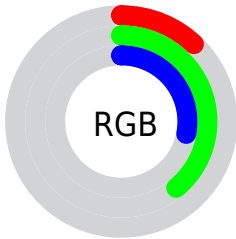
Format	Color
RYB	30, 74, 100
Decimal	1991751
CIELab	37.56, -29.28, 10.25
CIELCh	38, 31.020, 160.714
Yxy	9.8453, 0.2639, 0.4170
Android (android.graphics.Color)	4280181831 (0xFF1E6447)
YUV	75.7640, -2.3487, -40.1350
Hunter-Lab	31.3772, -19.4691, 7.7294

Details

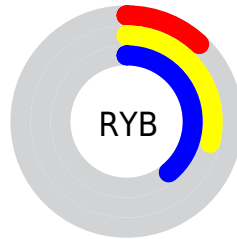
The Decimal color **1991751** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **6561339**, and the grayscale version is **5000268**.

A 20% lighter version of the original color is **5544055**, and **13339** is the 20% darker color. If you saturate the color by 10%, you get **1336387**, and if you desaturate by 10%, it is **2647115**.

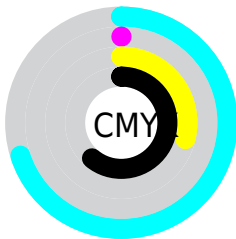
Distribution



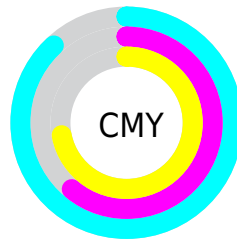
- Red (12%)
- Green (39%)
- Blue (28%)



- Red (12%)
- Yellow (29%)
- Blue (39%)



- Cyan (70%)
- Magenta (0%)
- Yellow (29%)
- Black (61%)



- Cyan (88%)
- Magenta (61%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1991751 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 1991751 by changing the saturation by 10% instead.



1991751



1991751

16777215



19505



5544055



13339



7254673



8449



9031340



0



10808263



12648419



14483455



16383999



1991751



1991751

■ 1336387

■ 2647115

■ 681023

■ 3302479

■ 25659

■ 3957843

■ 4613208

■ 5268572

■ 5923936

■ 6579300

■ 7234664

■ 7890028

Harmonies

Analogous

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



4415537



1991751



25953

Triad

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



1991751



4151433



8669241

Complementary

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



1991751



6561339

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.



8930128



1991751



6704766

Square

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



1991751



24711



8275562



7688489

Rectangle

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



1991751



25969



8275562



8799808

Sweetspot

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



1991751



6783607



3892254



3293755



12763842



4342338

Same Dimension

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



1991751



1409621



1990244



3027761



29507



62094

Inverse Universe

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



6561339



8525122



6562846



3354160



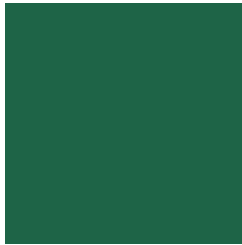
7536688



15859812

Previews

White Background



This preview shows how the Decimal color 1991751 looks on a white background.

Color Contrast Check

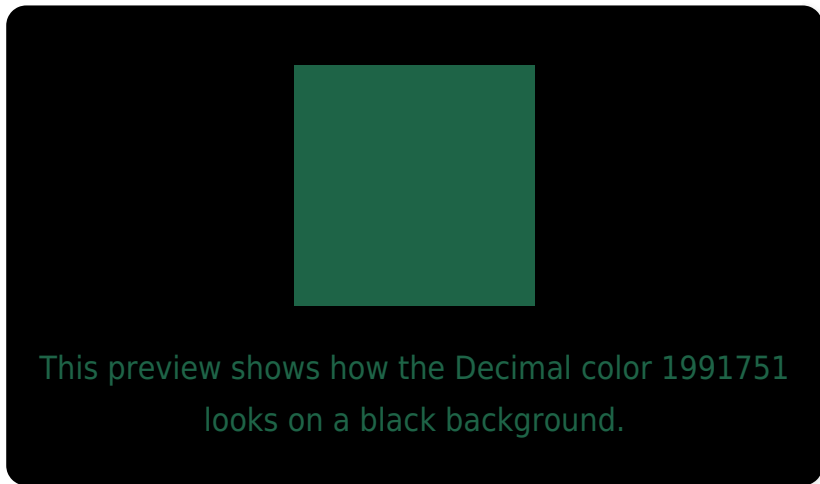
Large Text (above 18pt) WCAG AA ✓ Pass

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

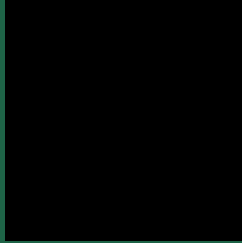
Any Text WCAG AA × Fail

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 1991751 Background



This preview shows how black text looks on a background with the Decimal color 1991751.

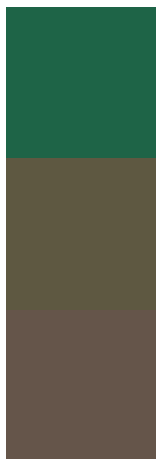


This preview shows how white text looks on a background with the Decimal color 1991751.

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
1991751

Protanopia
6182977

Deuteranopia
6640970

Trichromacy



Original Color
1991751

Protanomaly
4676675

Deuteranomaly
4938313

Tritanomaly
2515292

Monochromacy



Original Color
1991751

Achromatopsia
5000268

Achromatomaly
3888458

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1991751 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 #1E6447 looks like.

```
.text, #text, p{  
    color:#1E6447  
}
```

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 #1E6447 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E6447
}
```

Border

The CSS property to change the border of an element to Decimal 1991751 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
#1E6447 }
```

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

```
.border{ border-color:#1E6447 }
```

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

Here you see how a box with a 4 pixel #1E6447 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E6447; -webkit-box-shadow:4px 4px  
4px 4px #1E6447; box-shadow:4px 4px 4px  
4px #1E6447 }
```

Background

The CSS property to change the background color of an element to Decimal 1991751 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E6447 }
```

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

```
.background{ background-color:#1E6447 }
```

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