

Converting Colors

Decimal(1196575)

Have a look what the booklet for
Decimal(1196575) contains.

Decimal(1196575)	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(1196575)

Conversions

Conversions Part 1

Format	Color
Hex	12421F
RGB	18, 66, 31
RGB Percent	7%, 26%, 12%
CMY	0.9294, 0.7412, 0.8784
CMYK	0.73, 0.00, 0.53, 0.74
HSL	136°, 57%, 16%
HSV	136°, 73%, 26%
XYZ	2.4450, 4.1240, 1.9635
YIQ	47.6580, -17.3730, -21.0610

Conversions

Conversions Part 2

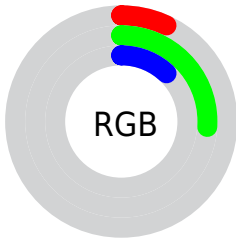
Format	Color
R_{YB}	18, 56, 66
Decimal	1196575
CIE Lab	24.08, -25.15, 16.65
CIE LCh	24, 30.161, 146.489
Yxy	4.1240, 0.2866, 0.4833
Android (android.graphics.Color)	4279386655 (0xFF12421F)
YUV	47.6580, -8.2124, -26.0101
Hunter-Lab	20.3075, -14.0471, 8.4827

Details

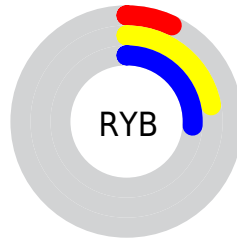
The Decimal color **1196575** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4330037**, and the grayscale version is **3158064**.

A 20% lighter version of the original color is **4420428**, and **5888** is the 20% darker color. If you saturate the color by 10%, you get **737818**, and if you desaturate by 10%, it is **1655332**.

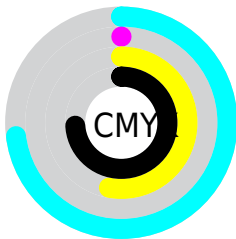
Distribution



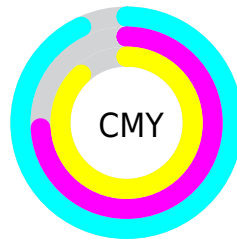
- Red (7%)
- Green (26%)
- Blue (12%)



- Red (7%)
- Yellow (22%)
- Blue (26%)



- Cyan (73%)
- Magenta (0%)
- Yellow (53%)
- Black (74%)



- Cyan (93%)
- Magenta (74%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1196575 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 1196575 by changing the saturation by 10% instead.



1196575



1196575

16777215



11016



4420428



5888



6065252



0



7776125



9486999



11263666



13106125



14942185



1196575



1196575

■ 737818

■ 1655332

■ 344597

■ 2048553

■ 16914

■ 2507309

■ 2900530

■ 3359287

■ 3818044

■ 4211265

■ 4670022

■ 5063242

Harmonies

Analogous

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



3227149



1196575



17462

Triad

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



1196575



15718



6432294

Complementary

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



1196575



4330037

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.



6300733



1196575



3486818

Square

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



1196575



16991



5385043



5778963

Rectangle

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



1196575



17477



5385043



6497582

Sweetspot

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



1196575



4478793



3490322



2108195



11250603



2829099

Same Dimension

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



1196575



743200



1196599



1974559



24858



57405

Inverse Universe

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



4330037



5704514



4330013



2170400



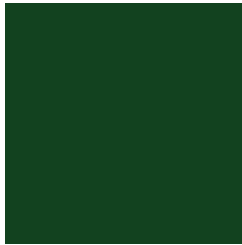
6357063



14680228

Previews

White Background



This preview shows how the Decimal color 1196575 looks on a white background.

Color Contrast Check

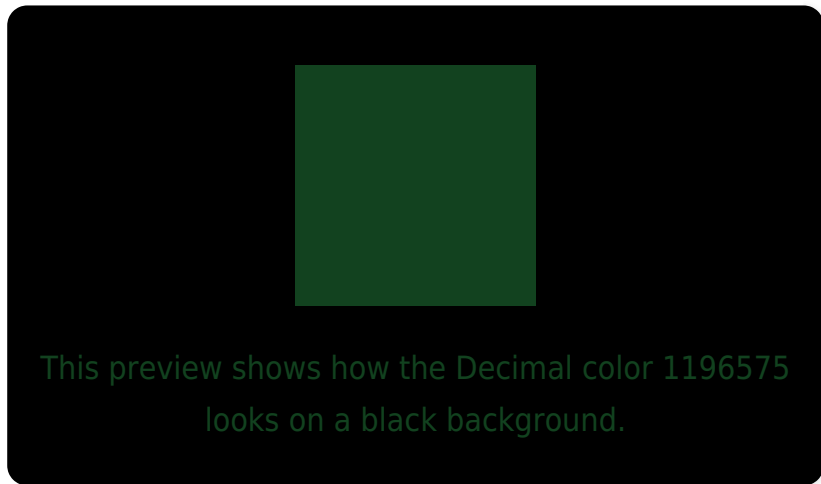
Large Text (above 18pt) WCAG AA ✓ Pass

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

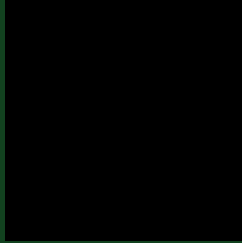
Any Text WCAG AA × Fail

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 1196575 Background



This preview shows how black text looks on a background with the Decimal color 1196575.



This preview shows how white text looks on a background with the Decimal color 1196575.

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
1196575

Protanopia
4143388

Deuteranopia
4601634

Trichromacy



Original Color
1196575

Protanomaly
3095581

Deuteranomaly
3357473

Tritanomaly
1720118

Monochromacy



Original Color
1196575

Achromatopsia
3158064

Achromatomaly
2438954

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1196575 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 #12421F looks like.

```
.text, #text, p{  
  color:#12421F  
}
```

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 #12421F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12421F
}
```

Border

The CSS property to change the border of an element to Decimal 1196575 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".

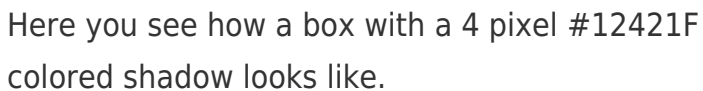
```
.border, #border, table{ border:4px solid
#12421F }
```

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

```
.border{ border-color:#12421F }
```

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

Here you see how a box with a 4 pixel #12421F colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12421F; -webkit-box-shadow:4px 4px  
4px 4px #12421F; box-shadow:4px 4px 4px  
4px #12421F }
```

Background

The CSS property to change the background color of an element to Decimal 1196575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12421F }
```

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

```
.background{ background-color:#12421F }
```

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