

Converting Colors

Decimal(1201975)

Have a look what the booklet for
Decimal(1201975) contains.

Decimal(1201975)	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(1201975)

Conversions

Conversions Part 1

Format	Color
Hex	125737
RGB	18, 87, 55
RGB Percent	7%, 34%, 22%
CMY	0.9294, 0.6588, 0.7843
CMYK	0.79, 0.00, 0.37, 0.66
HSL	152°, 66%, 21%
HSV	152°, 79%, 34%
XYZ	4.3472, 7.2208, 4.7791
YIQ	62.7210, -30.8520, -24.5800

Conversions

Conversions Part 2

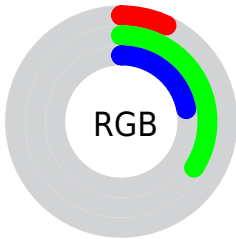
Format	Color
R_{YB}	18, 63, 87
Decimal	1201975
CIE _{Lab}	32.30, -29.40, 12.73
CIE _{LCh}	32, 32.037, 156.579
Yxy	7.2208, 0.2659, 0.4417
Android (android.graphics.Color)	4279392055 (0xFF125737)
YUV	62.7210, -3.8065, -39.2203
Hunter-Lab	26.8716, -18.1479, 8.2655

Details

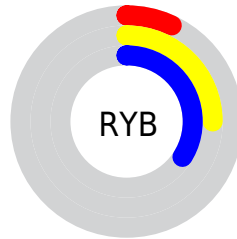
The Decimal color **1201975** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **5706290**, and the grayscale version is **4144959**.

A 20% lighter version of the original color is **4819558**, and **10508** is the 20% darker color. If you saturate the color by 10%, you get **612147**, and if you desaturate by 10%, it is **1791803**.

Distribution



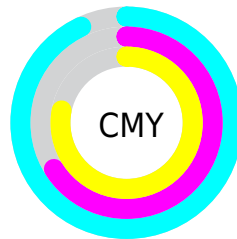
- Red (7%)
- Green (34%)
- Blue (22%)



- Red (7%)
- Yellow (25%)
- Blue (34%)



- Cyan (79%)
- Magenta (0%)
- Yellow (37%)
- Black (66%)



- Cyan (93%)
- Magenta (66%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1201975 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 1201975 by changing the saturation by 10% instead.

■ 1201975

■ 1201975

16777215

■ 16161

■ 4819558

■ 10508

■ 6530175

■ 3840

■ 8241049

■ 0

■ 10017716

■ 11860175

■ 13697004

■ 15597567

■ 1201975

■ 1201975

■ 612147

■ 1791803

■ 87855

■ 2316095

■ 22319

■ 2905923

■ 3495751

■ 4020043

■ 4609871

■ 5199699

■ 5789527

■ 6313819

Harmonies

Analogous

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



3822369



1201975



22609

Triad

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



1201975



2575742



7879215

Complementary

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



1201975



5706290

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.



8009287



1201975



5587829

Square

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



1201975



21626



7289441



6963997

Rectangle

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



1201975



22626



7289441



8009783

Sweetspot

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



1201975



5599332



3299090



2635825



12105912



3684408

Same Dimension

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



1201975



421951



1201495



2566953



27449



60286

Inverse Universe

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



5706290



7341623



5706770



2828073



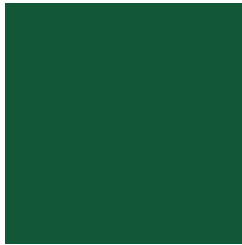
7012402



15401069

Previews

White Background



This preview shows how the Decimal color 1201975 looks on a white background.

Color Contrast Check

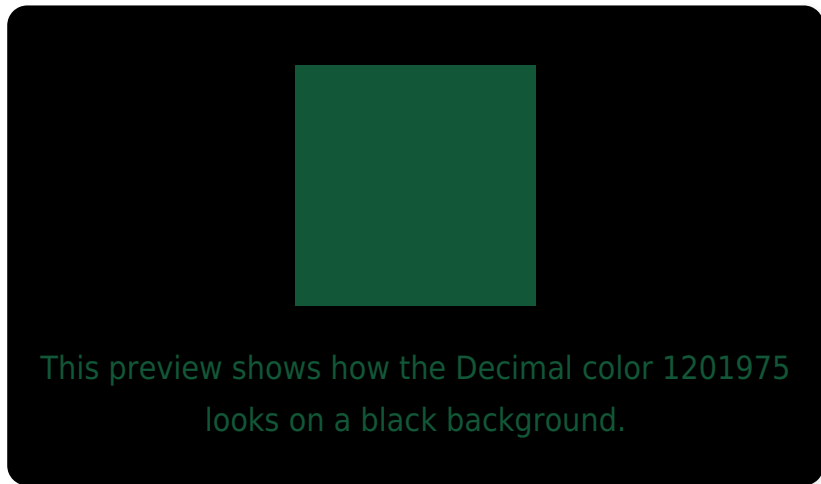
Large Text (above 18pt) WCAG AA ✓ Pass

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

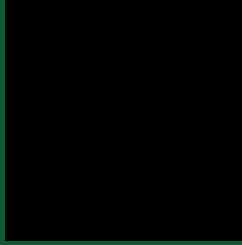
Any Text WCAG AA × Fail

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 1201975 Background



This preview shows how black text looks on a background with the Decimal color 1201975.



This preview shows how white text looks on a background with the Decimal color 1201975.

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](#).

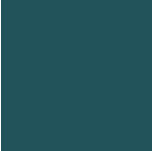
Dichromacy



Original Color
1201975

Protanopia
5393458

Deuteranopia
5851450



Tritanopia
2315098

Trichromacy



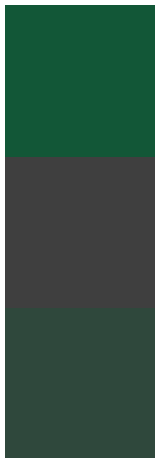
Original Color
1201975

Protanomaly
3887156

Deuteranomaly
4148793

Tritanomaly
1922125

Monochromacy



Original Color
1201975

Achromatopsia
4144959

Achromatomaly
3098684

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1201975 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 #125737 looks like.

```
.text, #text, p{  
  color:#125737  
}
```

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 #125737 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #125737
}
```

Border

The CSS property to change the border of an element to Decimal 1201975 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".

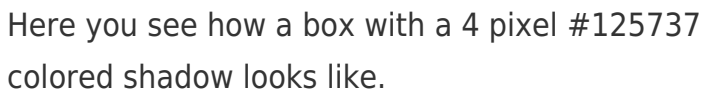
```
.border, #border, table{ border:4px solid
#125737 }
```

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

```
.border{ border-color:#125737 }
```

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

Here you see how a box with a 4 pixel #125737 colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #125737; -webkit-box-shadow:4px 4px  
4px 4px #125737; box-shadow:4px 4px 4px  
4px #125737 }
```

Background

The CSS property to change the background color of an element to Decimal 1201975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#125737 }
```

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

```
.background{ background-color:#125737 }
```

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