

Converting Colors

Decimal(1247749)

Have a look what the booklet for
Decimal(1247749) contains.

Decimal(1247749)	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(1247749)

Conversions

Conversions Part 1

Format	Color
Hex	130A05
RGB	19, 10, 5
RGB Percent	7%, 4%, 2%
CMY	0.9255, 0.9608, 0.9804
CMYK	0.00, 0.47, 0.74, 0.93
HSL	21°, 58%, 5%
HSV	21°, 74%, 7%
XYZ	0.4045, 0.3665, 0.1930
YIQ	12.1210, 6.9690, 0.3530

Conversions

Conversions Part 2

Format	Color
RYB	19, 13, 5
Decimal	1247749
CIELab	3.31, 2.30, 2.95
CIELCh	3, 3.739, 52.025
Yxy	0.3665, 0.4196, 0.3802
Android (android.graphics.Color)	4279437829 (0xFF130A05)
YUV	12.1210, -3.5107, 6.0329
Hunter-Lab	6.0538, 1.3325, 2.3475

Details

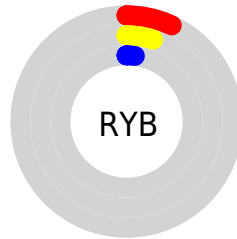
The Decimal color **1247749** is a dark color, and the websafe version is hex **000000**. A complement of this color would be **331283**, and the grayscale version is **789516**.

A 20% lighter version of the original color is **4011571**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **1247491**, and if you desaturate by 10%, it is **1248007**.

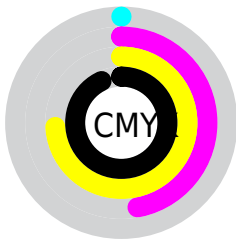
Distribution



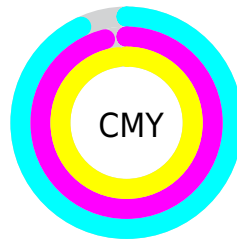
- Red (7%)
- Green (4%)
- Blue (2%)



- Red (7%)
- Yellow (5%)
- Blue (2%)



- Cyan (0%)
- Magenta (47%)
- Yellow (74%)
- Black (93%)



- Cyan (93%)
- Magenta (96%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 1247749 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 1247749 by changing the saturation by 10% instead.

■ 1247749

■ 1247749

■ 15985382

■ 0

■ 4011571

■ 5524810

■ 7103842

■ 8814202

■ 10524820

■ 12300975

■ 14143178

■ 1247749

■ 1247749

■ 1247491

■ 1248007

■ 1247233

■ 1248265

■ 1246976

■ 1248779

■ 1249037

■ 1249295

■ 1249552

■ 1250066

■ 1250324

■ 1250582

Harmonies

Analogous

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



1313033



1247749



1051395

Triad

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



1247749



200203



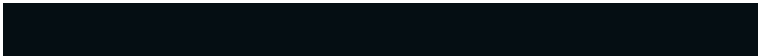
789266

Complementary

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



1247749



331283

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.



396563



1247749



69135

Square

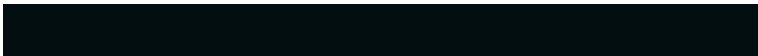
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



1247749



462342



200209



1051153

Rectangle

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



1247749



920579



200209



658451

Sweetspot

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



1247749



1709588



1246478



854793



9211020



855309

Same Dimension

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



1247749



1706755



1249541



657929



4856320



13191168

Inverse Universe

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



331283



200986



329491



592394



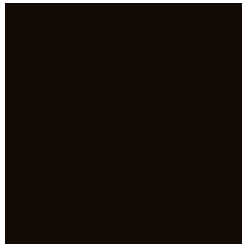
12362



33481

Previews

White Background



This preview shows how the Decimal color 1247749 looks on a white background.

Color Contrast Check

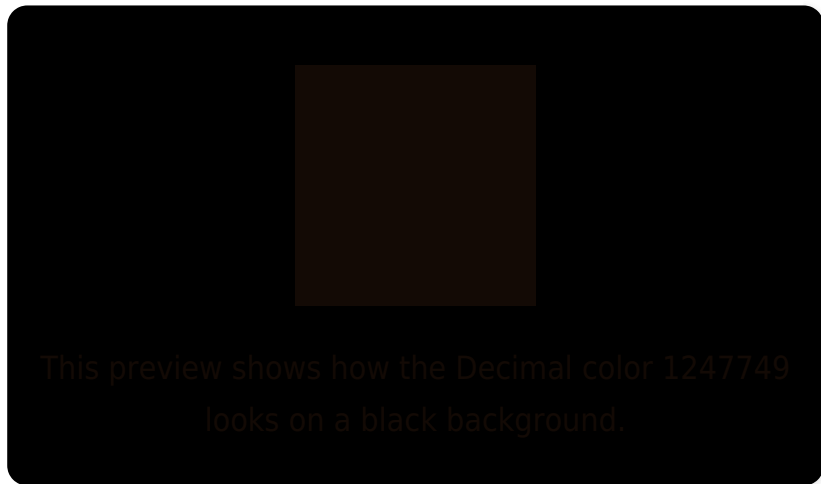
Large Text (above 18pt) WCAG AA ✓ Pass

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

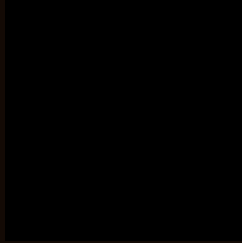
Any Text WCAG AA × Fail

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 1247749 Background



This preview shows how black text looks on a background with the Decimal color 1247749.



This preview shows how white text looks on a background with the Decimal color 1247749.

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
1247749

Protanopia
920838

Deuteranopia
1051652



Tritanopia
1247498

Trichromacy



Original Color

1247749

Protanomaly

1051654

Deuteranomaly

1116932

Tritanomaly

1247496

Monochromacy



Original Color

1247749

Achromatopsia

789516

Achromatomaly

985865

CSS Examples

Text

The CSS property to change the color of the text to Decimal 1247749 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 #130A05 looks like.

```
.text, #text, p{  
    color:#130A05  
}
```

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 #130A05 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #130A05
}
```

Border

The CSS property to change the border of an element to Decimal 1247749 is called "border". The border property can be set on classes, ids or directly on the HTML element.

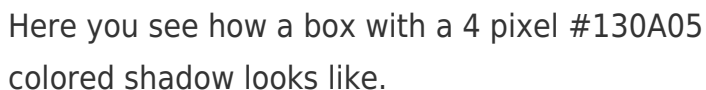
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#130A05 }
```

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

```
.border{ border-color:#130A05 }
```

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



Here you see how a box with a 4 pixel #130A05 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #130A05; -webkit-box-shadow:4px 4px  
4px 4px #130A05; box-shadow:4px 4px 4px  
4px #130A05 }
```

Background

The CSS property to change the background color of an element to Decimal 1247749 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#130A05 }
```

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

```
.background{ background-color:#130A05 }
```

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