

Converting Colors

Decimal(795649)

Have a look what the booklet for
Decimal(795649) contains.

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Color

Decimal(795649)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 0C2401 |
| RGB | 12, 36, 1 |
| RGB Percent | 5%, 14%, 0% |
| CMY | 0.9529, 0.8588, 0.9961 |
| CMYK | 0.67, 0.00, 0.97, 0.86 |
| HSL | 101°, 95%, 7% |
| HSV | 101°, 97%, 14% |
| XYZ | 0.7880, 1.3421, 0.2462 |
| YIQ | 24.8340, -3.0690, -15.9730 |

Conversions

Conversions Part 2

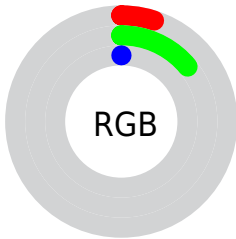
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 1, 36, 25 |
| Decimal | 795649 |
| CIE Lab | 11.57, -17.58, 16.42 |
| CIE LCh | 12, 24.055, 136.950 |
| Yxy | 1.3421, 0.3316, 0.5648 |
| Android (android.graphics.Color) | 4278985729 (0xFF0C2401) |
| YUV | 24.8340, -11.7502, -11.2554 |
| Hunter-Lab | 11.5849, -8.1326, 6.8492 |

Details

The Decimal color **795649** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **1638692**, and the grayscale version is **1644825**.

A 20% lighter version of the original color is **3559728**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **730112**, and if you desaturate by 10%, it is **926725**.

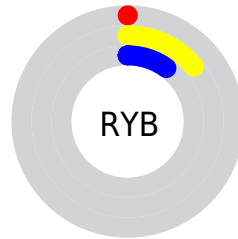
Distribution



Red (5%)

Green (14%)

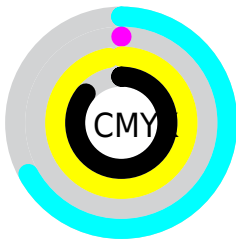
Blue (0%)



Red (0%)

Yellow (14%)

Blue (10%)

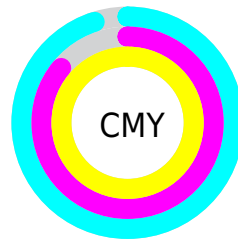


Cyan (67%)

Magenta (0%)

Yellow (97%)

Black (86%)



Cyan (95%)

Magenta (86%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 795649 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 795649 by changing the saturation by 10% instead.



795649



795649



15597539



2816



3559728



0



5138758



6718302



8363383



10139793



11916203



13693127



795649



795649

■ 730112

■ 926725

■ 1123336

■ 1254412

■ 1451023

■ 1582099

■ 1778711

■ 1909786

■ 2106398

■ 2237473

Harmonies

Analogous

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



2040064



795649



9751

Triad

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



795649



9023



3935766

Complementary

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



795649



1638692

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.



3673895



795649



990526

Square

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



795649



9526



2823733



3675136

Rectangle

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



795649



9762



2823733



3935771

Sweetspot

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



795649



2436641



2365697



1120015



9868950



1513239

Same Dimension

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



795649



929280



74759



1118736



1724928



4378880

Inverse Universe

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



1638692



2031662



2359582



1118226



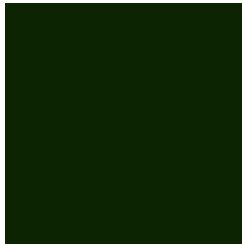
3670098



9371857

Previews

White Background



This preview shows how the Decimal color 795649 looks on a white background.

Color Contrast Check

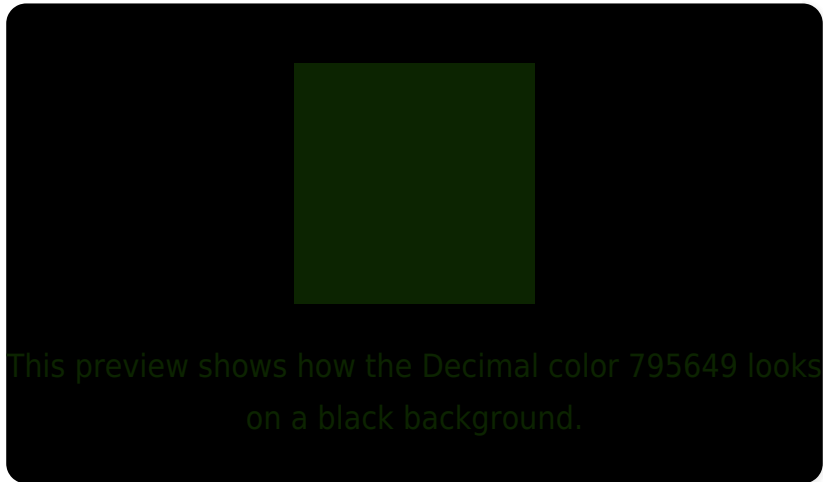
Large Text (above 18pt) WCAG AA ✓ Pass

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

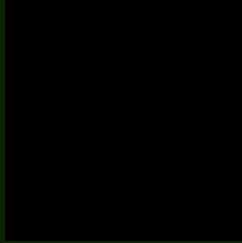
Any Text WCAG AA × Fail

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 795649 Background



This preview shows how black text looks on a background with the Decimal color 795649.



This preview shows how white text looks on a background with the Decimal color 795649.

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
795649

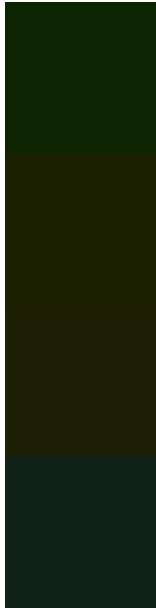
Protanopia
2301696

Deuteranopia
2563592



Tritanopia
1253668

Trichromacy



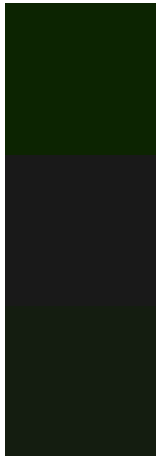
Original Color
795649

Protanomaly
1777920

Deuteranomaly
1908741

Tritanomaly
1057303

Monochromacy



Original Color
795649

Achromatopsia
1644825

Achromatomaly
1318160

CSS Examples

Text

The CSS property to change the color of the text to Decimal 795649 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 #0C2401 looks like.

```
.text, #text, p{  
    color:#0C2401  
}
```

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 #0C2401 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C2401
}
```

Border

The CSS property to change the border of an element to Decimal 795649 is called "border". The border property can be set on classes, ids or directly on the HTML element.

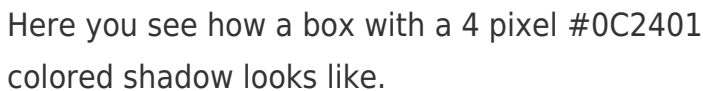
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#0C2401 }
```

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

```
.border{ border-color:#0C2401 }
```

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



Here you see how a box with a 4 pixel #0C2401 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C2401; -webkit-box-shadow:4px 4px  
4px 4px #0C2401; box-shadow:4px 4px 4px  
4px #0C2401 }
```

Background

The CSS property to change the background color of an element to Decimal 795649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C2401 }
```

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

```
.background{ background-color:#0C2401 }
```

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](#).

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