

Converting Colors

Decimal(802066)

Have a look what the booklet for
Decimal(802066) contains.

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Color

Decimal(802066)

Conversions

Conversions Part 1

Format	Color
Hex	0C3D12
RGB	12, 61, 18
RGB Percent	5%, 24%, 7%
CMY	0.9529, 0.7608, 0.9294
CMYK	0.80, 0.00, 0.70, 0.76
HSL	127°, 67%, 14%
HSV	127°, 80%, 24%
XYZ	1.9295, 3.4593, 1.1383
YIQ	41.4470, -15.4010, -23.7610

Conversions

Conversions Part 2

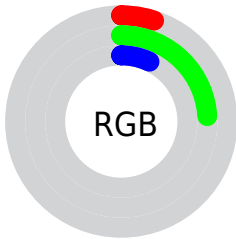
Format	Color
RYB	12, 56, 61
Decimal	802066
CIELab	21.80, -26.52, 21.44
CIELCh	22, 34.099, 141.051
Yxy	3.4593, 0.2956, 0.5300
Android (android.graphics.Color)	4278992146 (0xFF0C3D12)
YUV	41.4470, -11.5594, -25.8250
Hunter-Lab	18.5993, -14.0305, 9.3909

Details

The Decimal color **802066** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **4000823**, and the grayscale version is **2763306**.

A 20% lighter version of the original color is **4156734**, and **3072** is the 20% darker color. If you saturate the color by 10%, you get **408845**, and if you desaturate by 10%, it is **1195287**.

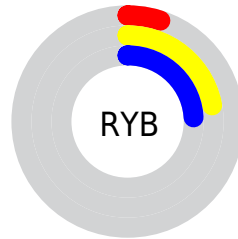
Distribution



Red (5%)

Green (24%)

Blue (7%)



Red (5%)

Yellow (22%)

Blue (24%)

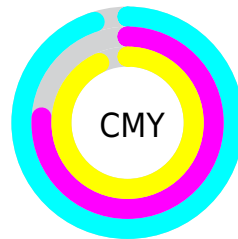


Cyan (80%)

Magenta (0%)

Yellow (70%)

Black (76%)



Cyan (95%)

Magenta (76%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 802066 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 802066 by changing the saturation by 10% instead.



802066



802066



16515062



9984



4156734



3072



5736278



0



7446894



9157768



10934434



12776893



14614489



802066



802066

■ 408845

■ 1195287

■ 15623

■ 1588509

■ 1981730

■ 2374951

■ 2833709

■ 3226930

■ 3620151

■ 4013373

■ 4406594

Harmonies

Analogous

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



3160064



802066



16172

Triad

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



802066



14694



6364196

Complementary

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



802066



4000823

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.



6101821



802066



2371940

Square

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



802066



15963



4924756



5776908

Rectangle

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



802066



16445



4924756



6363692

Sweetspot

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



802066



3952446



3620108



1911070



11053224



2697513

Same Dimension

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



802066



216844



802090



1842972



24076



56859

Inverse Universe

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



4000823



5178182



4000799



2038814



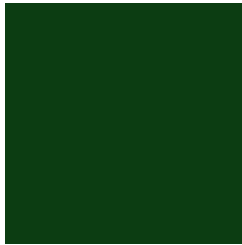
6160467



14549187

Previews

White Background



This preview shows how the Decimal color 802066 looks on a white background.

Color Contrast Check

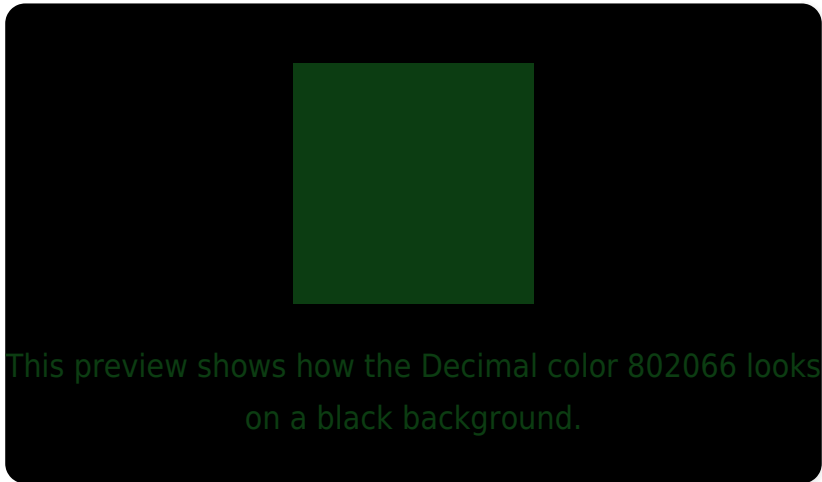
Large Text (above 18pt) WCAG AA ✓ Pass

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

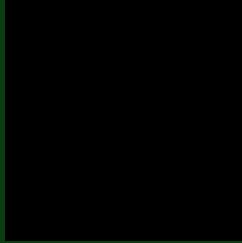
Any Text WCAG AA × Fail

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 802066 Background



This preview shows how black text looks on a background with the Decimal color 802066.



This preview shows how white text looks on a background with the Decimal color 802066.

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
802066

Protanopia
3880208

Deuteranopia
4272662



Tritanopia
1784126

Trichromacy



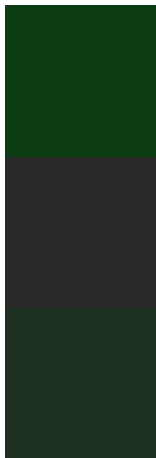
Original Color
802066

Protanomaly
2766865

Deuteranomaly
3028501

Tritanomaly
1456686

Monochromacy



Original Color
802066

Achromatopsia
2697513

Achromatomaly
1978401

CSS Examples

Text

The CSS property to change the color of the text to Decimal 802066 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 #0C3D12 looks like.

```
.text, #text, p{  
  color:#0C3D12  
}
```

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 #0C3D12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0C3D12
}
```

Border

The CSS property to change the border of an element to Decimal 802066 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
#0C3D12 }
```

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

```
.border{ border-color:#0C3D12 }
```

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

Here you see how a box with a 4 pixel #0C3D12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0C3D12; -webkit-box-shadow:4px 4px  
4px 4px #0C3D12; box-shadow:4px 4px 4px  
4px #0C3D12 }
```

Background

The CSS property to change the background color of an element to Decimal 802066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0C3D12 }
```

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

```
.background{ background-color:#0C3D12 }
```

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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