

Converting Colors

Decimal(87040)

Have a look what the booklet for
Decimal(87040) contains.

Decimal(87040)	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(87040)

Conversions

Conversions Part 1

Format	Color
Hex	015400
RGB	1, 84, 0
RGB Percent	0%, 33%, 0%
CMY	0.9961, 0.6706, 1.0000
CMYK	0.99, 0.00, 1.00, 0.67
HSL	119°, 100%, 16%
HSV	119°, 100%, 33%
XYZ	3.1828, 6.3471, 1.0574
YIQ	49.6070, -22.5040, -43.7200

Conversions

Conversions Part 2

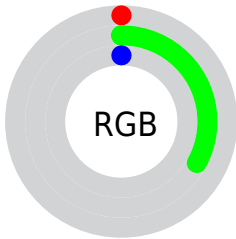
Format	Color
RYB	0, 84, 83
Decimal	87040
CIELab	30.27, -38.29, 37.11
CIELCh	30, 53.319, 135.894
Yxy	6.3471, 0.3006, 0.5995
Android (android.graphics.Color)	4278277120 (0xFF015400)
YUV	49.6070, -24.4563, -42.6283
Hunter-Lab	25.1935, -21.5376, 15.1470

Details

The Decimal color **87040** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5439572**, and the grayscale version is **3289650**.

A 20% lighter version of the original color is **4359988**, and **9984** is the 20% darker color. If you saturate the color by 10%, you get **87040**, and if you desaturate by 10%, it is **611336**.

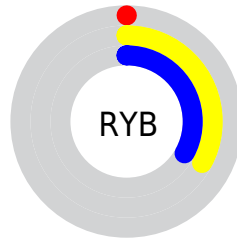
Distribution



Red (0%)

Green (33%)

Blue (0%)



Red (0%)

Yellow (33%)

Blue (33%)

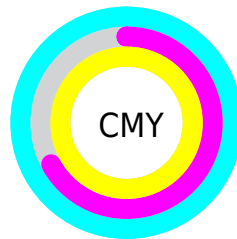


Cyan (99%)

Magenta (0%)

Yellow (100%)

Black (67%)



Cyan (100%)

Magenta (67%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 87040 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 87040 by changing the saturation by 10% instead.

 87040  87040

 16777198  15360

 4359988  9984

 6136141  512

 7912806  0

 9689471

 11531674

 13369269

 15269841

 87040

■ 611336

■ 1201169

■ 1725465

■ 2249762

■ 2774058

■ 3363890

■ 3888187

■ 4412483

■ 5002316

Harmonies

Analogous

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



4475904



87040



22577

Triad

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



87040



21145



9309747

Complementary

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



87040



5439572

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.



8787037



87040



17816

Square

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



87040



22659



6500482



8530186

Rectangle

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



87040



22863



6500482



9308481

Sweetspot

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



87040



5074509



5526272



2373668



12105912



3684408

Same Dimension

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



87040



93696



21545



2435365



92416



256000

Inverse Universe

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



5439572



7077998



5505067



2696489



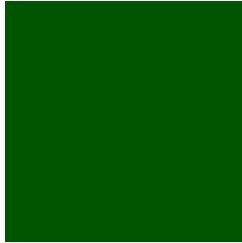
6750313



15007976

Previews

White Background



This preview shows how the Decimal color 87040 looks on a white background.

Color Contrast Check

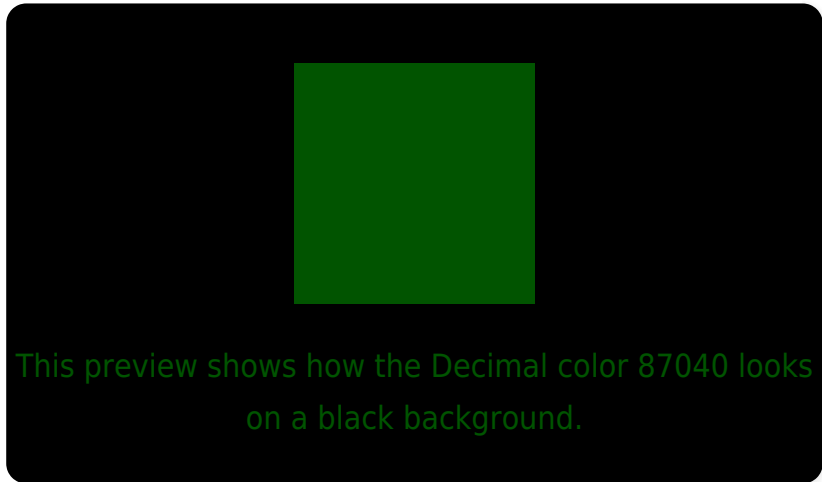
Large Text (above 18pt) WCAG AA ✓ Pass

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

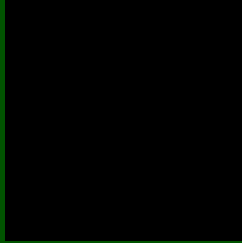
Any Text WCAG AA × Fail

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 87040 Background



This preview shows how black text looks on a background with the Decimal color 87040.



This preview shows how white text looks on a background with the Decimal color 87040.

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](#).

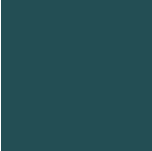
Dichromacy



Original Color
87040

Protanopia
5326848

Deuteranopia
5915666



Tritanopia
2313812

Trichromacy



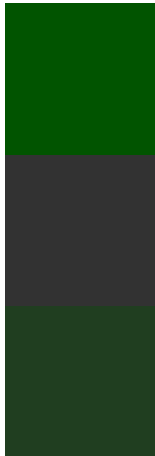
Original Color
87040

Protanomaly
3427328

Deuteranomaly
3820043

Tritanomaly
1527861

Monochromacy



Original Color
87040

Achromatopsia
3289650

Achromatomaly
2113056

CSS Examples

Text

The CSS property to change the color of the text to Decimal 87040 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 #015400 looks like.

```
.text, #text, p{  
    color:#015400  
}
```

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 #015400 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #015400
}
```

Border

The CSS property to change the border of an element to Decimal 87040 is called "border". The border property can be set on classes, ids or directly on the HTML element.

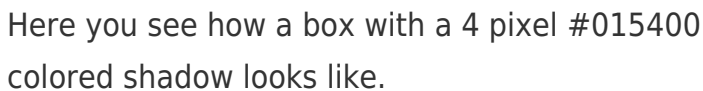
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#015400 }
```

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

```
.border{ border-color:#015400 }
```

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



Here you see how a box with a 4 pixel #015400 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #015400; -webkit-box-shadow:4px 4px  
4px 4px #015400; box-shadow:4px 4px 4px  
4px #015400 }
```

Background

The CSS property to change the background color of an element to Decimal 87040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#015400 }
```

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

```
.background{ background-color:#015400 }
```

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