

Converting Colors

Decimal(87304)

Have a look what the booklet for
Decimal(87304) contains.

Decimal(87304)	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(87304)

Conversions

Conversions Part 1

Format	Color
Hex	015508
RGB	1, 85, 8
RGB Percent	0%, 33%, 3%
CMY	0.9961, 0.6667, 0.9686
CMYK	0.99, 0.00, 0.91, 0.67
HSL	125°, 98%, 17%
HSV	125°, 99%, 33%
XYZ	3.3048, 6.5210, 1.3142
YIQ	51.1060, -25.3470, -41.7550

Conversions

Conversions Part 2

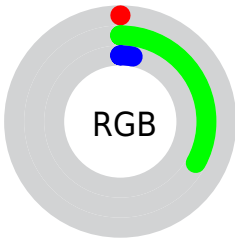
Format	Color
R_{YB}	1, 79, 85
Decimal	87304
CIE _{Lab}	30.69, -38.06, 34.62
CIE _{LCh}	31, 51.450, 137.705
Yxy	6.5210, 0.2967, 0.5854
Android (android.graphics.Color)	4278277384 (0xFF015508)
YUV	51.1060, -21.2513, -43.9430
Hunter-Lab	25.5362, -21.5873, 14.8240

Details

The Decimal color **87304** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **5570894**, and the grayscale version is **3355443**.

A 20% lighter version of the original color is **4360250**, and **10240** is the 20% darker color. If you saturate the color by 10%, you get **21767**, and if you desaturate by 10%, it is **611600**.

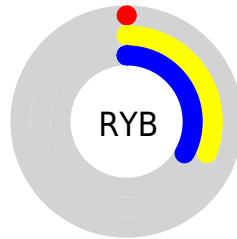
Distribution



Red (0%)

Green (33%)

Blue (3%)



Red (0%)

Yellow (31%)

Blue (33%)

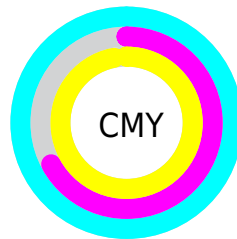


Cyan (99%)

Magenta (0%)

Yellow (91%)

Black (67%)



Cyan (100%)

Magenta (67%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 87304 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 87304 by changing the saturation by 10% instead.



87304



87304



16777204



15616



4360250



10240



6136402



1280



7913068



0



9689733



11531936



13369275



15269848



87304



87304

■ 21767

■ 611600

■ 1201432

■ 1725727

■ 2315559

■ 2839855

■ 3429687

■ 3953983

■ 4543814

■ 5068110

Harmonies

Analogous

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



4410880



87304



22838

Triad

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



87304



21143



9246515

Complementary

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



87304



5570894

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.



8788059



87304



804246

Square

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



87304



22659



6697087



8465675

Rectangle

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



87304



23122



6697087



9245504

Sweetspot

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



87304



5074511



5133569



2373670



12105912



3684408

Same Dimension

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



87304



28169



87346



2566951



27401



60180

Inverse Universe

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



5570894



7209061



5570852



2828075



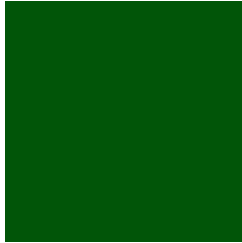
7012450



15401175

Previews

White Background



This preview shows how the Decimal color 87304 looks on a white background.

Color Contrast Check

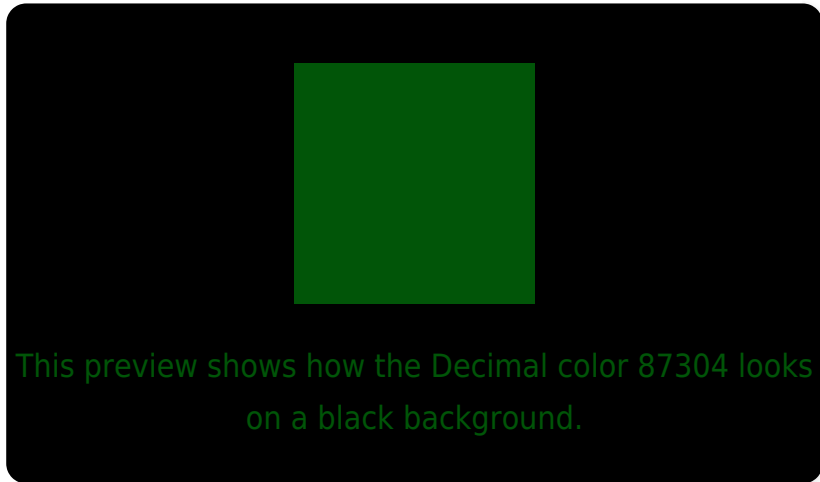
Large Text (above 18pt) WCAG AA ✓ Pass

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

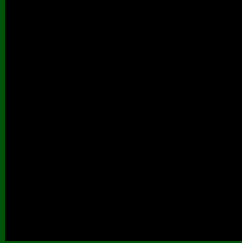
Any Text WCAG AA × Fail

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 87304 Background



This preview shows how black text looks on a background with the Decimal color 87304.



This preview shows how white text looks on a background with the Decimal color 87304.

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
87304

Protanopia
5392640

Deuteranopia
5981460

Trichromacy



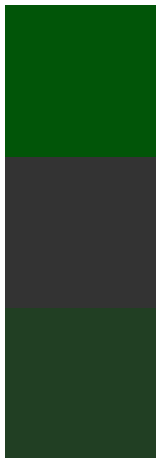
Original Color
87304

Protanomaly
3493123

Deuteranomaly
3820304

Tritanomaly
1528121

Monochromacy



Original Color
87304

Achromatopsia
3355443

Achromatomaly
2178851

CSS Examples

Text

The CSS property to change the color of the text to Decimal 87304 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 #015508 looks like.

```
.text, #text, p{  
    color:#015508  
}
```

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 #015508 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #015508
}
```

Border

The CSS property to change the border of an element to Decimal 87304 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".

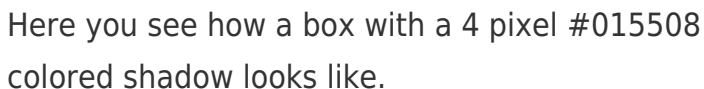
```
.border, #border, table{ border:4px solid
#015508 }
```

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

```
.border{ border-color:#015508 }
```

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

Here you see how a box with a 4 pixel #015508 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #015508; -webkit-box-shadow:4px 4px  
4px 4px #015508; box-shadow:4px 4px 4px  
4px #015508 }
```

Background

The CSS property to change the background color of an element to Decimal 87304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#015508 }
```

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

```
.background{ background-color:#015508 }
```

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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