

Converting Colors

Decimal(9484)

Have a look what the booklet for
Decimal(9484) contains.

Decimal(9484)	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(9484)

Conversions

Conversions Part 1

Format	Color
Hex	00250C
RGB	0, 37, 12
RGB Percent	0%, 15%, 5%
CMY	1.0000, 0.8549, 0.9529
CMYK	1.00, 0.00, 0.68, 0.85
HSL	139°, 100%, 7%
HSV	139°, 100%, 15%
XYZ	0.7279, 1.3497, 0.5700
YIQ	23.0870, -14.0270, -15.6190

Conversions

Conversions Part 2

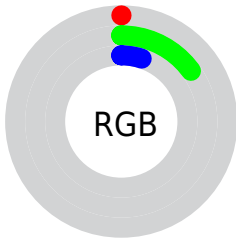
Format	Color
RYB	0, 28, 37
Decimal	9484
CIELab	11.62, -20.26, 11.88
CIELCh	12, 23.487, 149.616
Yxy	1.3497, 0.2749, 0.5098
Android (android.graphics.Color)	4278199564 (0xFF00250C)
YUV	23.0870, -5.4659, -20.2473
Hunter-Lab	11.6176, -9.1464, 5.2234

Details

The Decimal color **9484** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **2424857**, and the grayscale version is **1513239**.

A 20% lighter version of the original color is **2970167**, and **0** is the 20% darker color. If you saturate the color by 10%, you get **9484**, and if you desaturate by 10%, it is **271630**.

Distribution



Red (0%)

Green (15%)

Blue (5%)



Red (0%)

Yellow (11%)

Blue (15%)

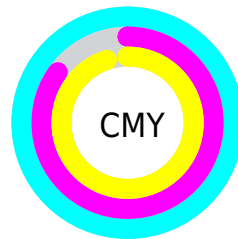


Cyan (100%)

Magenta (0%)

Yellow (68%)

Black (85%)



Cyan (100%)

Magenta (85%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 9484 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 9484 by changing the saturation by 10% instead.



9484



9484



14942188



2816



2970167



0



4483918



6128742



7773823



9484697



11261364



13103824



9484

■ 271630

■ 468241

■ 730387

■ 992534

■ 1254680

■ 1451291

■ 1713438

■ 1975584

■ 2172195

Harmonies

Analogous

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



1647104



9484



9758

Triad

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



9484



8511



3870991

Complementary

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



9484



2424857

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.



3870496



9484



1973051

Square

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



9484



9274



3281711



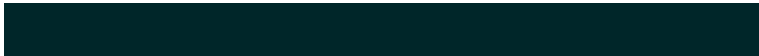
3413760

Rectangle

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



9484



9769



3281711



3870485

Sweetspot

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



9484



2240551



1647872



1055251



10066329



1710618

Same Dimension

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



9484



12304



9502



1053201



21018



53572

Inverse Universe

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



2424857



3145761



2424839



1183761



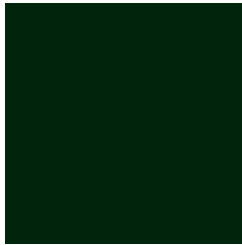
5374007



13697165

Previews

White Background



This preview shows how the Decimal color 9484 looks on a white background.

Color Contrast Check

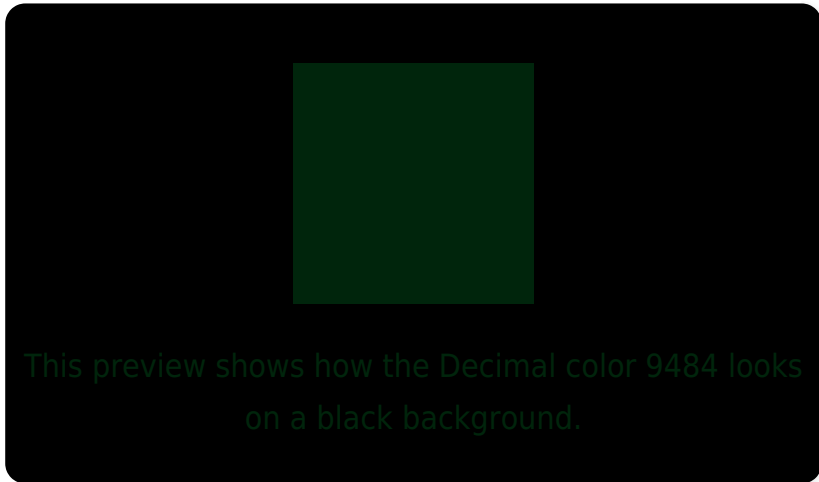
Large Text (above 18pt) WCAG AA ✓ Pass

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

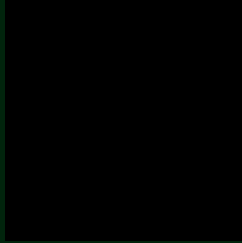
Any Text WCAG AA × Fail

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 9484 Background



This preview shows how black text looks on a background with the Decimal color 9484.



This preview shows how white text looks on a background with the Decimal color 9484.

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
9484

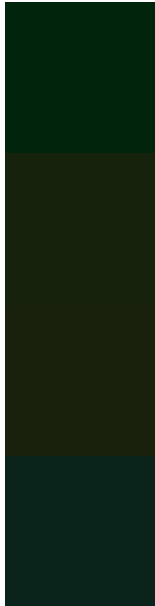
Protanopia
2301963

Deuteranopia
2563598



Tritanopia
992037

Trichromacy



Original Color
9484

Protanomaly
1450507

Deuteranomaly
1646861

Tritanomaly
664604

Monochromacy



Original Color
9484

Achromatopsia
1513239

Achromatomaly
990227

CSS Examples

Text

The CSS property to change the color of the text to Decimal 9484 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 #00250C looks like.

```
.text, #text, p{  
  color:#00250C  
}
```

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 #00250C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00250C
}
```

Border

The CSS property to change the border of an element to Decimal 9484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

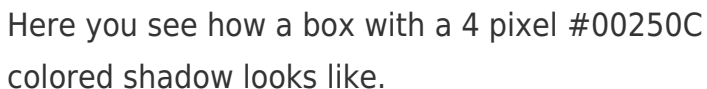
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#00250C }
```

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

```
.border{ border-color:#00250C }
```

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



Here you see how a box with a 4 pixel #00250C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00250C; -webkit-box-shadow:4px 4px  
4px 4px #00250C; box-shadow:4px 4px 4px  
4px #00250C }
```

Background

The CSS property to change the background color of an element to Decimal 9484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00250C }
```

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

```
.background{ background-color:#00250C }
```

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