

Converting Colors

Decimal(31744)

Have a look what the booklet for
Decimal(31744) contains.

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Color

Decimal(31744)

Conversions

Conversions Part 1

Format	Color
Hex	007C00
RGB	0, 124, 0
RGB Percent	0%, 49%, 0%
CMY	1.0000, 0.5137, 1.0000
CMYK	1.00, 0.00, 1.00, 0.51
HSL	120°, 100%, 24%
HSV	120°, 100%, 49%
XYZ	7.2077, 14.4153, 2.4026
YIQ	72.7880, -34.1000, -64.8520

Conversions

Conversions Part 2

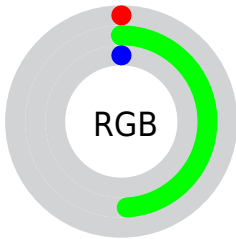
Format	Color
RYB	0, 124, 124
Decimal	31744
CIELab	44.82, -50.53, 48.77
CIELCh	45, 70.228, 136.016
Yxy	14.4153, 0.3000, 0.6000
Android (android.graphics.Color)	4278221824 (0xFF007C00)
YUV	72.7880, -35.8845, -63.8351
Hunter-Lab	37.9675, -32.5571, 22.8254

Details

The Decimal color **31744** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **8126588**, and the grayscale version is **4802889**.

A 20% lighter version of the original color is **5288511**, and **18688** is the 20% darker color. If you saturate the color by 10%, you get **31744**, and if you desaturate by 10%, it is **818188**.

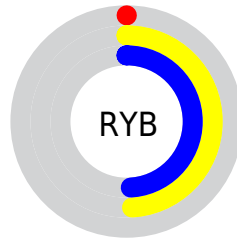
Distribution



Red (0%)

Green (49%)

Blue (0%)



Red (0%)

Yellow (49%)

Blue (49%)

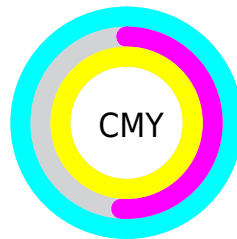


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (51%)



Cyan (100%)

Magenta (51%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 31744 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 31744 by changing the saturation by 10% instead.

 31744  31744

16777215  25088

 5288511  18688

 7196249  12800

 9103987  6400

 11009934  0

 12910505

 14811077

 16777186

 31744

■ 818188

■ 1670169

■ 2456613

■ 3308594

■ 4095038

■ 4881482

■ 5733463

■ 6519907

■ 7371888

Harmonies

Analogous

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



6582528



31744



33100

Triad

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



31744



31197



13506894

Complementary

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



31744



8126588

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.



12788104



31744



26588

Square

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



31744



33214



9586876



12402451

Rectangle

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



31744



33653



9586876



13505121

Sweetspot

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



31744



7381360



8158208



3428916



13750737



5395026

Same Dimension

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



31744



41216



31806



3620151



32000



64512

Inverse Universe

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



8126588



10551457



8126526



4011837



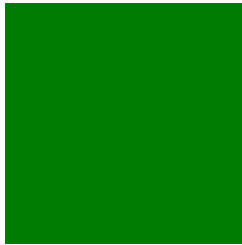
8192125



16515324

Previews

White Background



This preview shows how the Decimal color 31744 looks on a white background.

Color Contrast Check

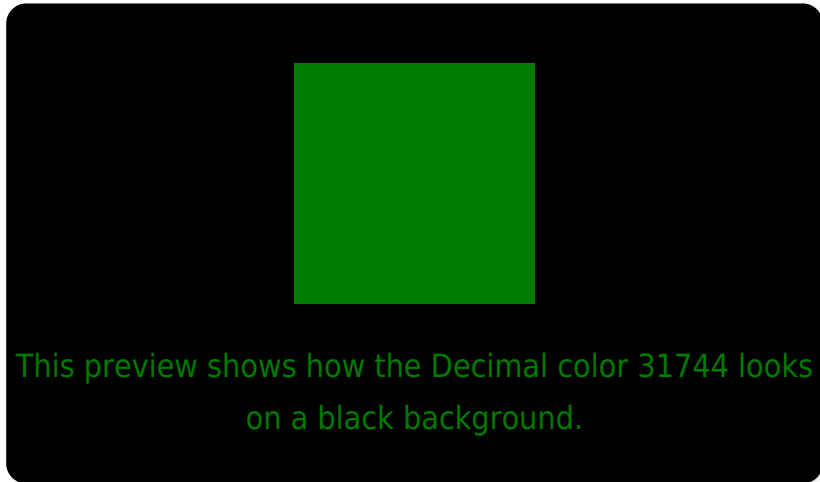
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

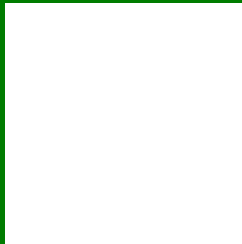
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Decimal 31744 Background



This preview shows how black text looks on a background with the Decimal color 31744.



This preview shows how white text looks on a background with the Decimal color 31744.

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
31744

Protanopia
7825920

Deuteranopia
8741915



Tritanopia
3437437

Trichromacy



Original Color

31744



Protanomaly

5009664



Deuteranomaly

5598481



Tritanomaly

2192976

Monochromacy



Original Color

31744



Achromatopsia

4802889



Achromatomaly

3038254

CSS Examples

Text

The CSS property to change the color of the text to Decimal 31744 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 #007C00 looks like.

```
.text, #text, p{  
    color:#007C00  
}
```

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 #007C00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #007C00
}
```

Border

The CSS property to change the border of an element to Decimal 31744 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
#007C00 }
```

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

```
.border{ border-color:#007C00 }
```

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

Here you see how a box with a 4 pixel #007C00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #007C00; -webkit-box-shadow:4px 4px  
4px 4px #007C00; box-shadow:4px 4px 4px  
4px #007C00 }
```

Background

The CSS property to change the background color of an element to Decimal 31744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#007C00 }
```

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

```
.background{ background-color:#007C00 }
```

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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