

Converting Colors

Decimal(15664)

Have a look what the booklet for
Decimal(15664) contains.

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Color

Decimal(15664)

Conversions

Conversions Part 1

Format	Color
Hex	003D30
RGB	0, 61, 48
RGB Percent	0%, 24%, 19%
CMY	1.0000, 0.7608, 0.8118
CMYK	1.00, 0.00, 0.21, 0.76
HSL	167°, 100%, 12%
HSV	167°, 100%, 24%
XYZ	2.2022, 3.5509, 3.3656
YIQ	41.2790, -32.1830, -16.9750

Conversions

Conversions Part 2

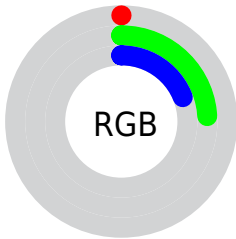
Format	Color
RYB	0, 34, 61
Decimal	15664
CIELab	22.13, -21.80, 2.97
CIELCh	22, 22.001, 172.242
Yxy	3.5509, 0.2415, 0.3894
Android (android.graphics.Color)	4278205744 (0xFF003D30)
YUV	41.2790, 3.3135, -36.2017
Hunter-Lab	18.8438, -12.1156, 2.6011

Details

The Decimal color **15664** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **3997709**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **3698014**, and **3584** is the 20% darker color. If you saturate the color by 10%, you get **15664**, and if you desaturate by 10%, it is **408881**.

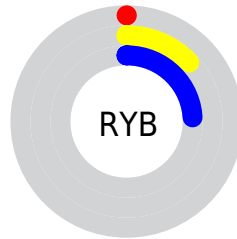
Distribution



Red (0%)

Green (24%)

Blue (19%)



Red (0%)

Yellow (13%)

Blue (24%)

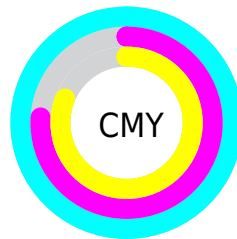


Cyan (100%)

Magenta (0%)

Yellow (21%)

Black (76%)



Cyan (100%)

Magenta (76%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15664 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 15664 by changing the saturation by 10% instead.

 15664  15664

 16056319  10011

 3698014  3584

 5343095  0

 6988176

 8764587

 10475718

 12317922

 14155775

 15664

■ 408881

■ 802099

■ 1195316

■ 1588533

■ 2047287

■ 2440504

■ 2833721

■ 3226938

■ 3620156

Harmonies

Analogous

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



2046752



15664



15681

Triad

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



15664



3093075



5123356

Complementary

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



15664



3997709

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.



5515305



15664



4533321

Square

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



15664



735317



5318714



4338452

Rectangle

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



15664



15434



5318714



5319456

Sweetspot

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



15664



3624778



867584



1714470



11053224



2697513

Same Dimension

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



15664



20286



11325



1842974



24138



57007

Inverse Universe

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



3997709



5177361



4002048



2038812



6160404



14549039

Previews

White Background



This preview shows how the Decimal color 15664 looks on a white background.

Color Contrast Check

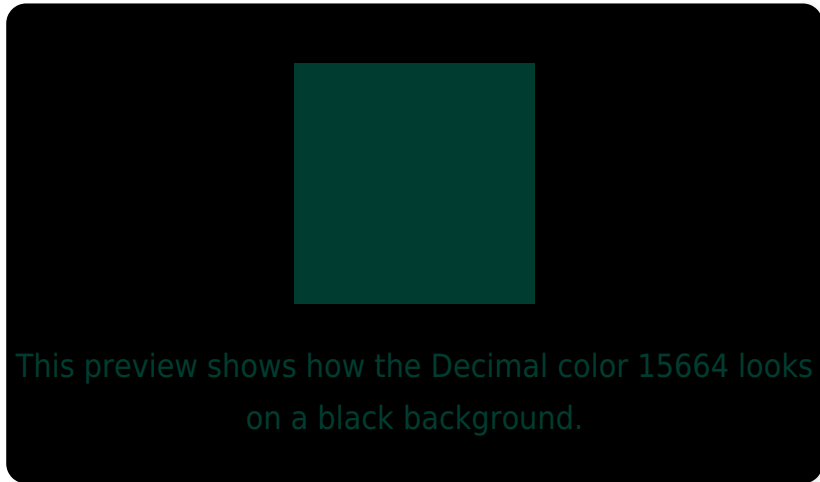
Large Text (above 18pt) WCAG AA ✓ Pass

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

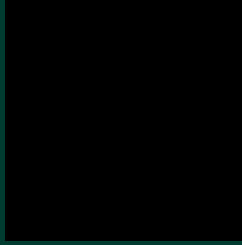
Any Text WCAG AA × Fail

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 15664 Background



This preview shows how black text looks on a background with the Decimal color 15664.



This preview shows how white text looks on a background with the Decimal color 15664.

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](#).

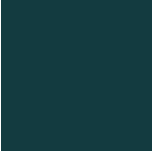
Dichromacy



Original Color
15664

Protanopia
3749164

Deuteranopia
3945522



Tritanopia
1260352

Trichromacy



Original Color
15664

Protanomaly
2373677

Deuteranomaly
2504497

Tritanomaly
801850

Monochromacy



Original Color
15664

Achromatopsia
2697513

Achromatomaly
1716268

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15664 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 #003D30 looks like.

```
.text, #text, p{  
    color:#003D30  
}
```

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 #003D30 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003D30
}
```

Border

The CSS property to change the border of an element to Decimal 15664 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
#003D30 }
```

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

```
.border{ border-color:#003D30 }
```

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

Here you see how a box with a 4 pixel #003D30 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003D30; -webkit-box-shadow:4px 4px  
4px 4px #003D30; box-shadow:4px 4px 4px  
4px #003D30 }
```

Background

The CSS property to change the background color of an element to Decimal 15664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003D30 }
```

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

```
.background{ background-color:#003D30 }
```

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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