

Converting Colors

Decimal(15964)

Have a look what the booklet for
Decimal(15964) contains.

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Color

Decimal(15964)

Conversions

Conversions Part 1

Format	Color
Hex	003E5C
RGB	0, 62, 92
RGB Percent	0%, 24%, 36%
CMY	1.0000, 0.7569, 0.6392
CMYK	1.00, 0.33, 0.00, 0.64
HSL	200°, 100%, 18%
HSV	200°, 100%, 36%
XYZ	3.6544, 4.2180, 10.7468
YIQ	46.8820, -46.5820, -3.8140

Conversions

Conversions Part 2

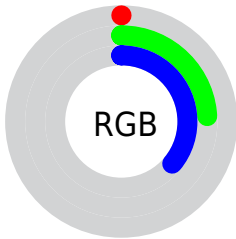
Format	Color
RYB	0, 37, 92
Decimal	15964
CIELab	24.38, -5.29, -22.81
CIELCh	24, 23.414, 256.939
Yxy	4.2180, 0.1963, 0.2265
Android (android.graphics.Color)	4278206044 (0xFF003E5C)
YUV	46.8820, 22.2432, -41.1155
Hunter-Lab	20.5377, -4.1793, -16.6483

Details

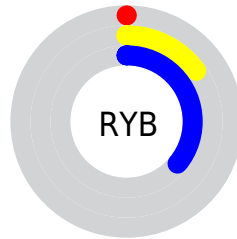
The Decimal color **15964** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **6036992**, and the grayscale version is **3092271**.

A 20% lighter version of the original color is **4287886**, and **5166** is the 20% darker color. If you saturate the color by 10%, you get **15964**, and if you desaturate by 10%, it is **606556**.

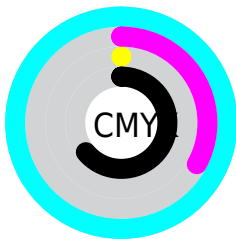
Distribution



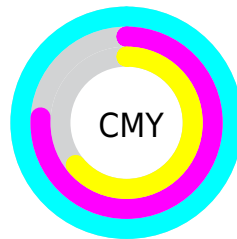
- Red (0%)
- Green (24%)
- Blue (36%)



- Red (0%)
- Yellow (15%)
- Blue (36%)



- Cyan (100%)
- Magenta (33%)
- Yellow (0%)
- Black (64%)



- Cyan (100%)
- Magenta (76%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 15964 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 15964 by changing the saturation by 10% instead.

■ 15964 ■ 15964

16777215 ■ 10308

■ 4287886 ■ 5166

■ 6064041 ■ 281

■ 7774660 ■ 0

■ 9551072

■ 11393021

■ 13235455

■ 15138815

■ 15964

■ 606556

■ 1197148

■ 1853276

■ 2443868

■ 3034460

■ 3625052

■ 4215644

■ 4871772

■ 5462364

Harmonies

Analogous

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



16979



15964



3094620

Triad

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



15964



5974833



2572321

Complementary

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



15964



6036992

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.



3882007



15964



5713953

Square

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



15964



5712962



4929047



541233

Rectangle

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



15964



4273238



4929047



3030813

Sweetspot

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



15964



5532792



23581



2569789



12434877



4013373

Same Dimension

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



15964



20856



4444



2698286



19054



41197

Inverse Universe

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



6029374



7864401



6048512



3025196



7209034



15532192

Previews

White Background



This preview shows how the Decimal color 15964 looks on a white background.

Color Contrast Check

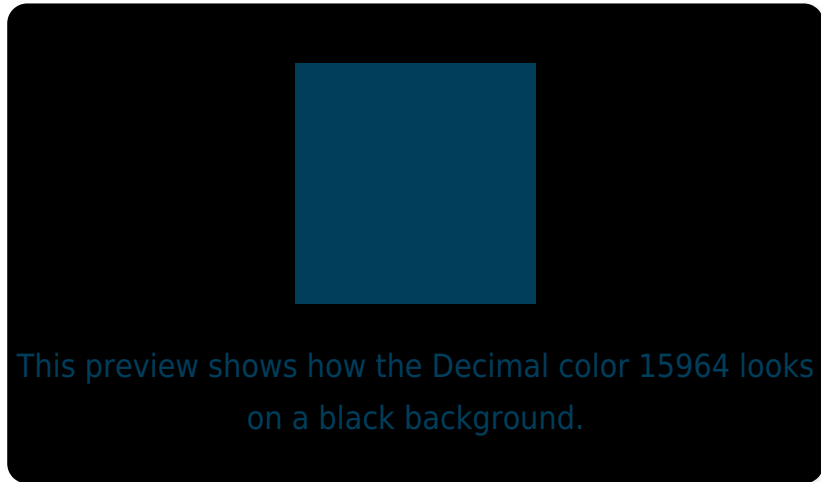
Large Text (above 18pt) WCAG AA ✓ Pass

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

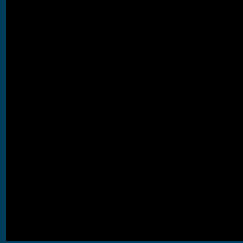
Any Text WCAG AA × Fail

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 15964 Background



This preview shows how black text looks on a background with the Decimal color 15964.



This preview shows how white text looks on a background with the Decimal color 15964.

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
15964

Protanopia
3160408

Deuteranopia
2571101

Trichromacy



Original Color
15964

Protanomaly
2046809

Deuteranomaly
1653853

Tritanomaly
16462

Monochromacy



Original Color
15964

Achromatopsia
3092271

Achromatomaly
1979455

CSS Examples

Text

The CSS property to change the color of the text to Decimal 15964 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 #003E5C looks like.

```
.text, #text, p{  
    color:#003E5C  
}
```

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 #003E5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003E5C
}
```

Border

The CSS property to change the border of an element to Decimal 15964 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
#003E5C }
```

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

```
.border{ border-color:#003E5C }
```

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

Here you see how a box with a 4 pixel #003E5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003E5C; -webkit-box-shadow:4px 4px  
4px 4px #003E5C; box-shadow:4px 4px 4px  
4px #003E5C }
```

Background

The CSS property to change the background color of an element to Decimal 15964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003E5C }
```

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

```
.background{ background-color:#003E5C }
```

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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