

Converting Colors

Decimal(12651)

Have a look what the booklet for
Decimal(12651) contains.

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Color

Decimal(12651)

Conversions

Conversions Part 1

Format	Color
Hex	00316B
RGB	0, 49, 107
RGB Percent	0%, 19%, 42%
CMY	1.0000, 0.8078, 0.5804
CMYK	1.00, 0.54, 0.00, 0.58
HSL	213°, 100%, 21%
HSV	213°, 100%, 42%
XYZ	3.7522, 3.2582, 14.3410
YIQ	40.9610, -47.8220, 7.6500

Conversions

Conversions Part 2

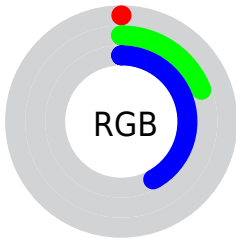
Format	Color
RYB	0, 34, 107
Decimal	12651
CIELab	21.05, 10.55, -37.88
CIELCh	21, 39.322, 285.567
Yxy	3.2582, 0.1757, 0.1526
Android (android.graphics.Color)	4278202731 (0xFF00316B)
YUV	40.9610, 32.5572, -35.9228
Hunter-Lab	18.0504, 5.5168, -34.4707

Details

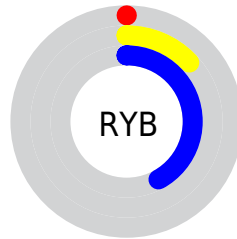
The Decimal color **12651** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **7027200**, and the grayscale version is **2697513**.

A 20% lighter version of the original color is **4611743**, and **315** is the 20% darker color. If you saturate the color by 10%, you get **12651**, and if you desaturate by 10%, it is **735083**.

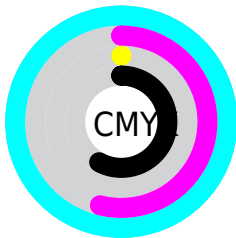
Distribution



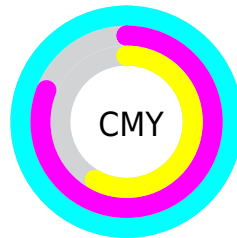
- Red (0%)
- Green (19%)
- Blue (42%)



- Red (0%)
- Yellow (13%)
- Blue (42%)



- Cyan (100%)
- Magenta (54%)
- Yellow (0%)
- Black (58%)



- Cyan (100%)
- Magenta (81%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12651 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 12651 by changing the saturation by 10% instead.

■ 12651 ■ 12651

16777215 ■ 7506

■ 4611743 ■ 315

■ 6387642 ■ 548

■ 8163798 ■ 12

■ 10005491 ■ 0

■ 11847423

■ 13755135

■ 15663103

■ 12651

■ 735083

■ 1391979

■ 2114155

■ 2836587

■ 3559019

■ 4215915

■ 4938347

■ 5660523

■ 6317419

Harmonies

Analogous

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



14955



12651



4596572

Triad

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



12651



6102535



15907

Complementary

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



12651



7027200

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.



670723



12651



4926464

Square

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



12651



6623269



3290624



16193

Rectangle

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



12651



5838923



3290624



15897

Sweetspot

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



12651



6452620



27449



3029319



13092807



4671303

Same Dimension

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



12651



16524



262251



3158838



13941



28917

Inverse Universe

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



7012401



9175104



6777600



3551283



7667766



16056432

Previews

White Background



This preview shows how the Decimal color 12651 looks on a white background.

Color Contrast Check

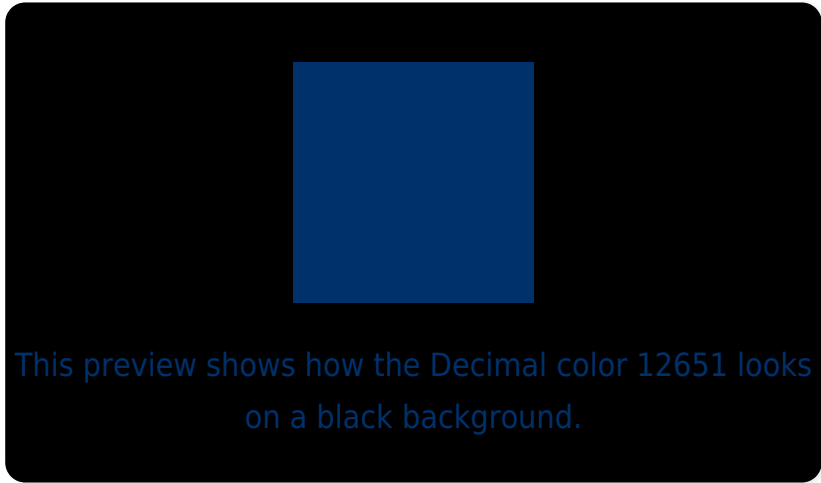
Large Text (above 18pt) WCAG AA ✓ Pass

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

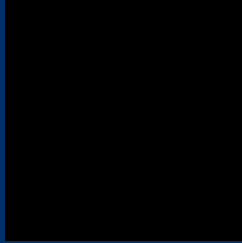
Any Text WCAG AA × Fail

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 12651 Background



This preview shows how black text looks on a background with the Decimal color 12651.



This preview shows how white text looks on a background with the Decimal color 12651.

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
12651

Protanopia
12649

Deuteranopia
13659

Trichromacy



Original Color
12651

Protanomaly
12650

Deuteranomaly
13409

Tritanomaly
13902

Monochromacy



Original Color
12651

Achromatopsia
2697513

Achromatomaly
1715265

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12651 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 #00316B looks like.

```
.text, #text, p{  
    color:#00316B  
}
```

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 #00316B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #00316B
}
```

Border

The CSS property to change the border of an element to Decimal 12651 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
#00316B }
```

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

```
.border{ border-color:#00316B }
```

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

Here you see how a box with a 4 pixel #00316B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #00316B; -webkit-box-shadow:4px 4px  
4px 4px #00316B; box-shadow:4px 4px 4px  
4px #00316B }
```

Background

The CSS property to change the background color of an element to Decimal 12651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#00316B }
```

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

```
.background{ background-color:#00316B }
```

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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