

Converting Colors

Decimal(12624)

Have a look what the booklet for
Decimal(12624) contains.

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Color

Decimal(12624)

Conversions

Conversions Part 1

Format	Color
Hex	003150
RGB	0, 49, 80
RGB Percent	0%, 19%, 31%
CMY	1.0000, 0.8078, 0.6863
CMYK	1.00, 0.39, 0.00, 0.69
HSL	203°, 100%, 16%
HSV	203°, 100%, 31%
XYZ	2.5463, 2.7758, 7.9910
YIQ	37.8830, -39.1550, -0.7470

Conversions

Conversions Part 2

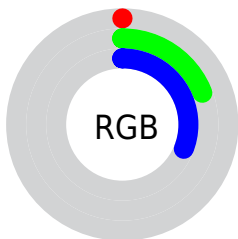
Format	Color
R_{YB}	0, 30, 80
Decimal	12624
CIE _{Lab}	19.12, -1.78, -23.18
CIE _{LCh}	19, 23.248, 265.605
Yxy	2.7758, 0.1913, 0.2085
Android (android.graphics.Color)	4278202704 (0xFF003150)
YUV	37.8830, 20.7637, -33.2234
Hunter-Lab	16.6608, -1.8760, -16.7747

Details

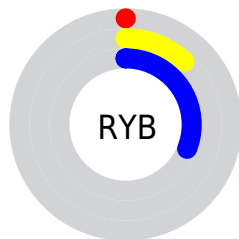
The Decimal color **12624** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5250816**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **4022145**, and **547** is the 20% darker color. If you saturate the color by 10%, you get **12624**, and if you desaturate by 10%, it is **537680**.

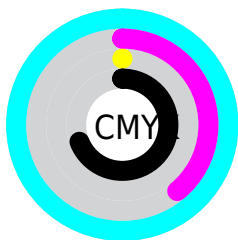
Distribution



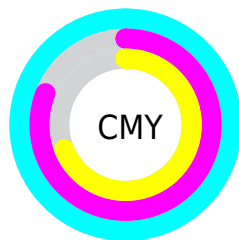
- Red (0%)
- Green (19%)
- Blue (31%)



- Red (0%)
- Yellow (12%)
- Blue (31%)



- Cyan (100%)
- Magenta (39%)
- Yellow (0%)
- Black (69%)



- Cyan (100%)
- Magenta (81%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12624 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 12624 by changing the saturation by 10% instead.

■ 12624 ■ 12624

■ 16580607 ■ 7225

■ 4022145 ■ 547

■ 5666716 ■ 11

■ 7442871 ■ 0

■ 9153746

■ 10930159

■ 12772351

■ 14680063

■ 12624

■ 537680

■ 1062736

■ 1587792

■ 2112848

■ 2638160

■ 3163216

■ 3688272

■ 4213328

■ 4738384

Harmonies

Analogous

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



13642



12624



2829133

Triad

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



12624



5054753



1324315

Complementary

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



12624



5250816

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.



2765326



12624



4662803

Square

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



12624



4988978



3812618



14123

Rectangle

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



12624



3876422



3812618



1848342

Sweetspot

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



12624



4807785



20511



2240054



11908533



3552822

Same Dimension

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



12624



16489



2384



2434857



36584

Inverse Universe

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



5242929



6881344



5261056



2696487



15204494

Previews

White Background



This preview shows how the Decimal color 12624 looks on a white background.

Color Contrast Check

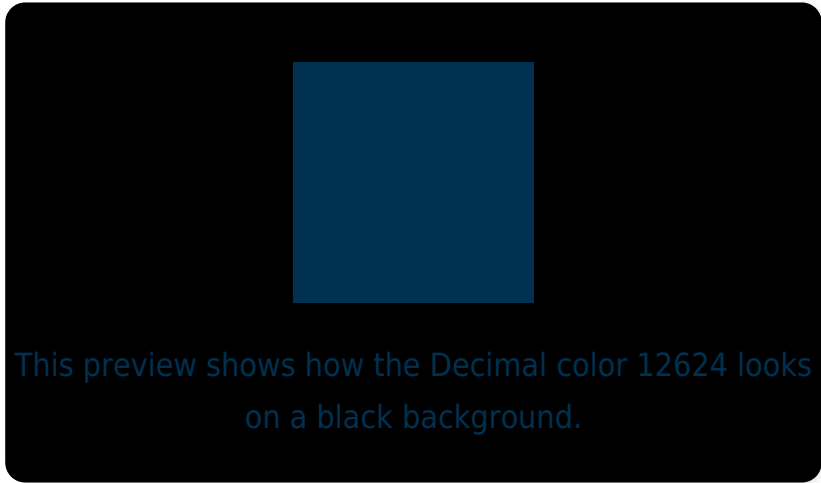
Large Text (above 18pt) WCAG AA ✓ Pass

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

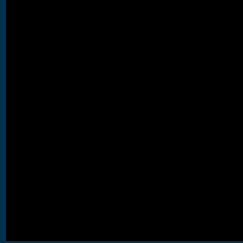
Any Text WCAG AA × Fail

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 12624 Background



This preview shows how black text looks on a background with the Decimal color 12624.



This preview shows how white text looks on a background with the Decimal color 12624.

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

12624

Protanopia

2305613

Deuteranopia

1519696

Trichromacy



Original Color
12624

Protanomaly
1453902

Deuteranomaly
995408

Tritanomaly
13121

Monochromacy



Original Color
12624

Achromatopsia
2500134

Achromatomaly
1583669

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12624 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 #003150 looks like.

```
.text, #text, p{  
    color:#003150  
}
```

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 #003150 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #003150
}
```

Border

The CSS property to change the border of an element to Decimal 12624 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
#003150 }
```

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

```
.border{ border-color:#003150 }
```

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

Here you see how a box with a 4 pixel #003150 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #003150; -webkit-box-shadow:4px 4px  
4px 4px #003150; box-shadow:4px 4px 4px  
4px #003150 }
```

Background

The CSS property to change the background color of an element to Decimal 12624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#003150 }
```

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

```
.background{ background-color:#003150 }
```

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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