

Converting Colors

Decimal(24442)

Have a look what the booklet for
Decimal(24442) contains.

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Color

Decimal(24442)

Conversions

Conversions Part 1

Format	Color
Hex	005F7A
RGB	0, 95, 122
RGB Percent	0%, 37%, 48%
CMY	1.0000, 0.6275, 0.5216
CMYK	1.00, 0.22, 0.00, 0.52
HSL	193°, 100%, 24%
HSV	193°, 100%, 48%
XYZ	7.6051, 9.5896, 19.8625
YIQ	69.6730, -65.2870, -11.7430

Conversions

Conversions Part 2

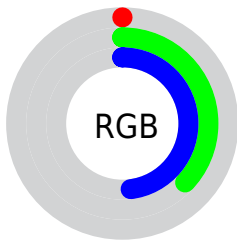
Format	Color
RYB	0, 53, 122
Decimal	24442
CIELab	37.10, -13.40, -21.88
CIELCh	37, 25.663, 238.513
Yxy	9.5896, 0.2052, 0.2588
Android (android.graphics.Color)	4278214522 (0xFF005F7A)
YUV	69.6730, 25.7972, -61.1032
Hunter-Lab	30.9670, -10.3552, -16.3522

Details

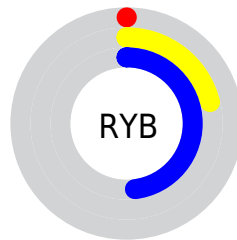
The Decimal color **24442** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **8002304**, and the grayscale version is **4539717**.

A 20% lighter version of the original color is **5018287**, and **12617** is the 20% darker color. If you saturate the color by 10%, you get **24442**, and if you desaturate by 10%, it is **811642**.

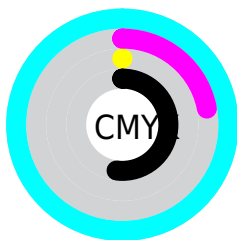
Distribution



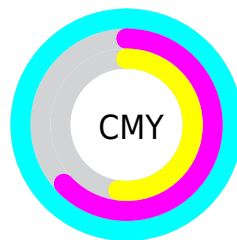
- Red (0%)
- Green (37%)
- Blue (48%)



- Red (0%)
- Yellow (21%)
- Blue (48%)



- Cyan (100%)
- Magenta (22%)
- Yellow (0%)
- Black (52%)



- Cyan (100%)
- Magenta (63%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 24442 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 24442 by changing the saturation by 10% instead.

■ 24442 ■ 24442

16777215 ■ 18273

■ 5018287 ■ 12617

■ 6859978 ■ 7474

■ 8701926 ■ 542

■ 10544383 ■ 0

■ 12451839

■ 14352383

■ 16252927

■ 24442

■ 811642

■ 1598586

■ 2451322

■ 3238522

■ 4025722

■ 4812666

■ 5599866

■ 6452602

■ 7239546

Harmonies

Analogous

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



25194



24442



3496576

Triad

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



24442



8210265



5266482

Complementary

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



24442



8002304

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.



6641197



24442



8276037

Square

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



24442



7359341



7753269



3629121

Rectangle

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



24442



5068158



7753269



5790255

Sweetspot

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



24442



7312542



31258



3361103



13619151



5197647

Same Dimension

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



24442



31646



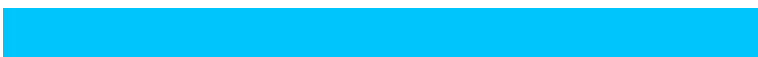
9082



3619901



24957



50684

Inverse Universe

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



7995487



10354811



8017664



4011836



8192097



16515269

Previews

White Background



This preview shows how the Decimal color 24442 looks on a white background.

Color Contrast Check

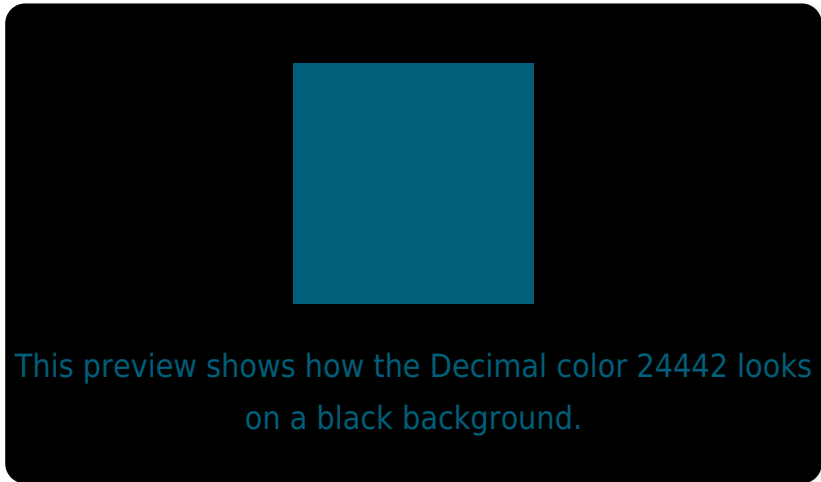
Large Text (above 18pt) WCAG AA ✓ Pass

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

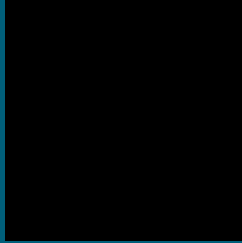
Any Text WCAG AA × Fail

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 24442 Background



This preview shows how black text looks on a background with the Decimal color 24442.

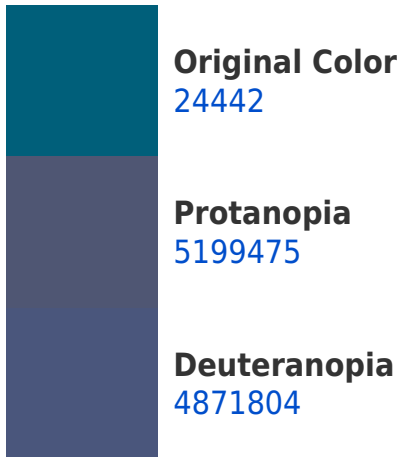


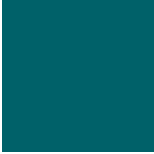
This preview shows how white text looks on a background with the Decimal color 24442.

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](#).

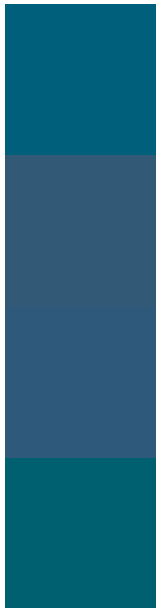
Dichromacy





Tritanopia
24937

Trichromacy



Original Color
24442

Protanomaly
3299702

Deuteranomaly
3103099

Tritanomaly
24687

Monochromacy



Original Color
24442

Achromatopsia
4605510

Achromatomaly
2969433

CSS Examples

Text

The CSS property to change the color of the text to Decimal 24442 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 #005F7A looks like.

```
.text, #text, p{  
    color:#005F7A  
}
```

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 #005F7A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #005F7A
}
```

Border

The CSS property to change the border of an element to Decimal 24442 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
#005F7A }
```

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

```
.border{ border-color:#005F7A }
```

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

Here you see how a box with a 4 pixel #005F7A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #005F7A; -webkit-box-shadow:4px 4px  
4px 4px #005F7A; box-shadow:4px 4px 4px  
4px #005F7A }
```

Background

The CSS property to change the background color of an element to Decimal 24442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#005F7A }
```

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

```
.background{ background-color:#005F7A }
```

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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