

Converting Colors

Decimal(12122)

Have a look what the booklet for
Decimal(12122) contains.

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Color

Decimal(12122)

Conversions

Conversions Part 1

Format	Color
Hex	002F5A
RGB	0, 47, 90
RGB Percent	0%, 18%, 35%
CMY	1.0000, 0.8157, 0.6471
CMYK	1.00, 0.48, 0.00, 0.65
HSL	209°, 100%, 18%
HSV	209°, 100%, 35%
XYZ	2.8620, 2.7712, 10.0569
YIQ	37.8490, -41.8150, 3.4090

Conversions

Conversions Part 2

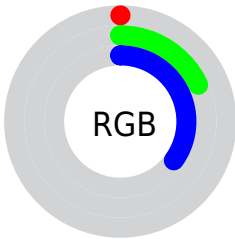
Format	Color
RYB	0, 31, 90
Decimal	12122
CIELab	19.10, 4.25, -29.88
CIELCh	19, 30.183, 278.087
Yxy	2.7712, 0.1824, 0.1766
Android (android.graphics.Color)	4278202202 (0xFF002F5A)
YUV	37.8490, 25.7104, -33.1936
Hunter-Lab	16.6470, 1.5559, -24.1659

Details

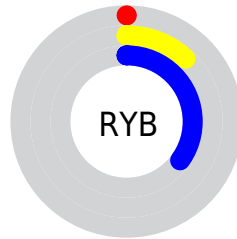
The Decimal color **12122** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5909248**, and the grayscale version is **2500134**.

A 20% lighter version of the original color is **4217997**, and **812** is the 20% darker color. If you saturate the color by 10%, you get **12122**, and if you desaturate by 10%, it is **602970**.

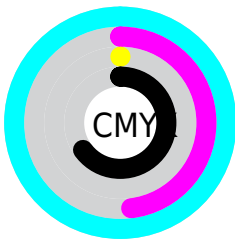
Distribution



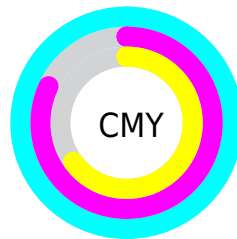
- Red (0%)
- Green (18%)
- Blue (35%)



- Red (0%)
- Yellow (12%)
- Blue (35%)



- Cyan (100%)
- Magenta (48%)
- Yellow (0%)
- Black (65%)



- Cyan (100%)
- Magenta (82%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Decimal color 12122 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 12122 by changing the saturation by 10% instead.

■ 12122 ■ 12122

16777215 ■ 6978

■ 4217997 ■ 812

■ 5928359 ■ 278

■ 7704258 ■ 0

■ 9480670

■ 11257083

■ 13099263

■ 15006975

■ 12122

■ 602970

■ 1194074

■ 1784922

■ 2375770

■ 2966618

■ 3557722

■ 4148570

■ 4739418

■ 5330522

Harmonies

Analogous

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



13655



12122



3614289

Triad

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



12122



5381652



14109

Complementary

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



12122



5909248

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.



1848583



12122



4597504

Square

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



12122



5576745



3419904



14644

Rectangle

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



12122



4661062



3419904



79638

Sweetspot

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



12122



5399669



23082



2502971



12237498



3881787

Same Dimension

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



12122



15733



858



2698286



14702



31981

Inverse Universe

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



5898287



7667773



5920512



3025196



7209017



15532156

Previews

White Background



This preview shows how the Decimal color 12122 looks on a white background.

Color Contrast Check

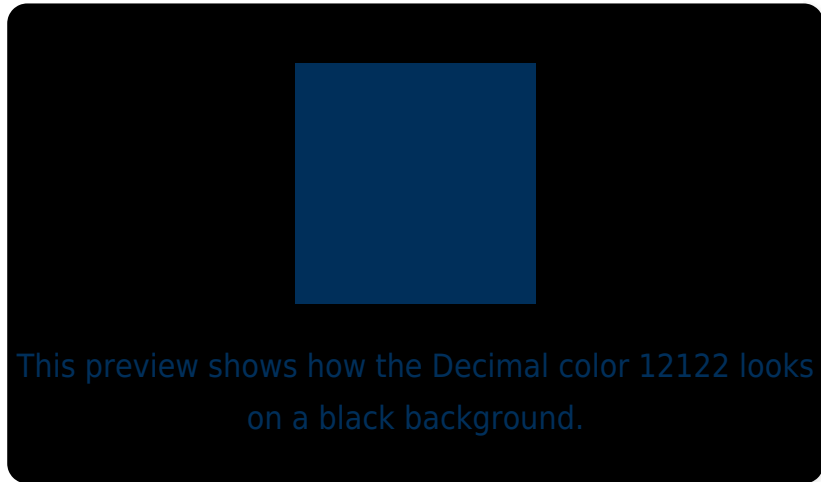
Large Text (above 18pt) WCAG AA ✓ Pass

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

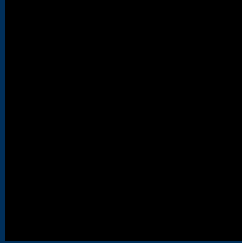
Any Text WCAG AA × Fail

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 12122 Background



This preview shows how black text looks on a background with the Decimal color 12122.



This preview shows how white text looks on a background with the Decimal color 12122.

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



Trichromacy



Original Color
12122

Protanomaly
994905

Deuteranomaly
12374

Tritanomaly
12868

Monochromacy



Original Color
12122

Achromatopsia
2500134

Achromatomaly
1583417

CSS Examples

Text

The CSS property to change the color of the text to Decimal 12122 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 #002F5A looks like.

```
.text, #text, p{  
    color:#002F5A  
}
```

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 #002F5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #002F5A
}
```

Border

The CSS property to change the border of an element to Decimal 12122 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
#002F5A }
```

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

```
.border{ border-color:#002F5A }
```

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

Here you see how a box with a 4 pixel #002F5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #002F5A; -webkit-box-shadow:4px 4px  
4px 4px #002F5A; box-shadow:4px 4px 4px  
4px #002F5A }
```

Background

The CSS property to change the background color of an element to Decimal 12122 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#002F5A }
```

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

```
.background{ background-color:#002F5A }
```

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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