

Converting Colors

Hex(12355D)

Have a look what the booklet for
Hex(12355D) contains.

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Color

Hex(12355D)

Conversions

Conversions Part 1

Format	Color
Hex	12355D
RGB	18, 53, 93
RGB Percent	7%, 21%, 36%
CMY	0.9294, 0.7922, 0.6353
CMYK	0.81, 0.43, 0.00, 0.64
HSL	212°, 68%, 22%
HSV	212°, 81%, 36%
XYZ	3.4983, 3.4651, 10.8404
YIQ	47.0950, -33.7000, 5.0200

Conversions

Conversions Part 2

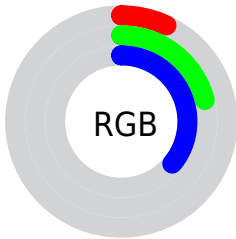
Format	Color
R_{YB}	18, 42, 93
Decimal	1193309
CIE _{Lab}	21.82, 3.31, -27.49
CIE _{LCh}	22, 27.691, 276.869
Yxy	3.4651, 0.1965, 0.1946
Android (android.graphics.Color)	4279383389 (0xFF12355D)
YUV	47.0950, 22.6312, -25.5163
Hunter-Lab	18.6148, 0.9701, -21.4973

Details

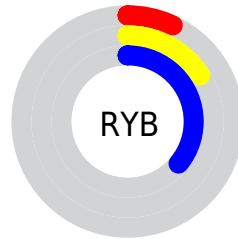
The Hex color **12355D** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5D3A12**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **496390**, and **00072F** is the 20% darker color. If you saturate the color by 10%, you get **09305D**, and if you desaturate by 10%, it is **1B3A5D**.

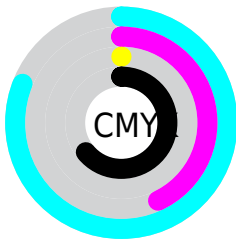
Distribution



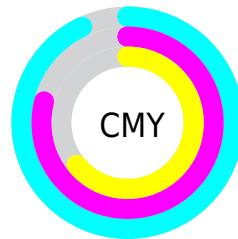
- Red (7%)
- Green (21%)
- Blue (36%)



- Red (7%)
- Yellow (16%)
- Blue (36%)



- Cyan (81%)
- Magenta (43%)
- Yellow (0%)
- Black (64%)



- Cyan (93%)
- Magenta (79%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 12355D 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 Hex color 12355D by changing the saturation by 10% instead.

■ 12355D

■ 12355D

FFFFFF

■ 002045

■ 496390

■ 00072F

■ 637CAA

■ 000119

■ 7E96C6

■ 000000

■ 98B0E2

■ B4CCFF

■ D0E8FF

■ EDFFFF

■ 12355D

■ 12355D

■ 09305D

■ 1B3A5D

■ 002B5D

■ 253F5D

■ 2E445D

■ 37495D

■ 414E5D

■ 4A535D

■ 53585D

■ 5C5D5D

■ 66625D

Harmonies

Analogous

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



003B5A



12355D



3B2D55

Triad

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



12355D



57251D



003D23

Complementary

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



12355D



5D3A12

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.



253A11



12355D



4C2D0D

Square

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



12355D



592130



3B3507



003E39

Rectangle

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



12355D



4B274B



3B3507



113C1D

Sweetspot

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



12355D



5B6978



125D3A



2B343D



BDBDBD



3D3D3D

Same Dimension

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



12355D



043A78



14125D



292B2E



00336E



006FED

Inverse Universe

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



5D1235



78043A



5B5D12



2E292B



6E0033



ED006F

Previews

White Background



This preview shows how the Hex color 12355D looks on a white background.

Color Contrast Check

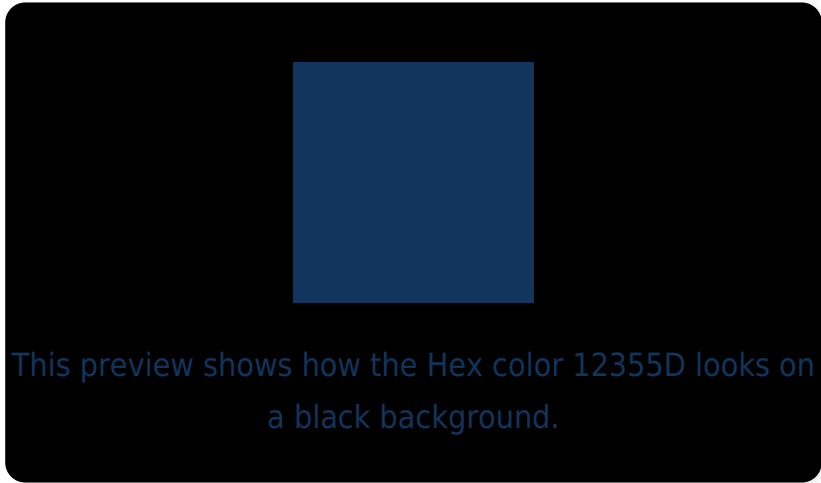
Large Text (above 18pt) WCAG AA ✓ Pass

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](#).

Hex 12355D Background



This preview shows how black text looks on a background with the Hex color 12355D.



This preview shows how white text looks on a background with the Hex color 12355D.

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
12355D

Protanopia
22335B

Deuteranopia
0F355D



Tritanopia
003A3E

Trichromacy



Original Color
12355D

Protanomaly
1C345C

Deuteranomaly
10355D

Tritanomaly
073849

Monochromacy



Original Color
12355D

Achromatopsia
2F2F2F

Achromatomaly
243140

CSS Examples

Text

The CSS property to change the color of the text to Hex 12355D 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 #12355D looks like.

```
.text, #text, p{  
    color:#12355D  
}
```

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 #12355D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #12355D
}
```

Border

The CSS property to change the border of an element to Hex 12355D 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
#12355D }
```

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

```
.border{ border-color:#12355D }
```

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

Here you see how a box with a 4 pixel #12355D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #12355D; -webkit-box-shadow:4px 4px  
4px 4px #12355D; box-shadow:4px 4px 4px  
4px #12355D }
```

Background

The CSS property to change the background color of an element to Hex 12355D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#12355D }
```

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

```
.background{ background-color:#12355D }
```

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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