

Converting Colors

Hex(16355C)

Have a look what the booklet for
Hex(16355C) contains.

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Color

Hex(16355C)

Conversions

Conversions Part 1

Format	Color
Hex	16355C
RGB	22, 53, 92
RGB Percent	9%, 21%, 36%
CMY	0.9137, 0.7922, 0.6392
CMYK	0.76, 0.42, 0.00, 0.64
HSL	213°, 61%, 22%
HSV	213°, 76%, 36%
XYZ	3.5357, 3.4895, 10.6124
YIQ	48.1770, -30.9950, 5.5570

Conversions

Conversions Part 2

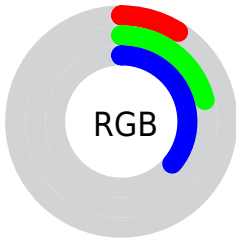
Format	Color
R _Y B	22, 43, 92
Decimal	1455452
CIE Lab	21.91, 3.52, -26.69
CIE LCh	22, 26.917, 277.517
Yxy	3.4895, 0.2005, 0.1978
Android (android.graphics.Color)	4279645532 (0xFF16355C)
YUV	48.1770, 21.6047, -22.9572
Hunter-Lab	18.6802, 1.0959, -20.6072

Details

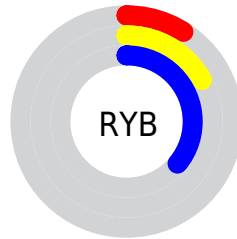
The Hex color **16355C** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **5C3D16**, and the grayscale version is **303030**.

A 20% lighter version of the original color is **4B638F**, and **00072E** is the 20% darker color. If you saturate the color by 10%, you get **0D305C**, and if you desaturate by 10%, it is **1F3A5C**.

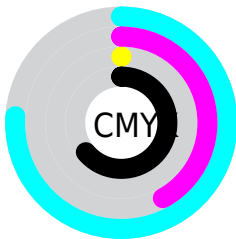
Distribution



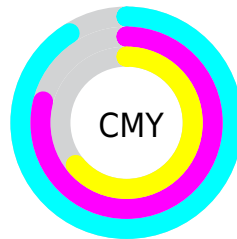
- Red (9%)
- Green (21%)
- Blue (36%)



- Red (9%)
- Yellow (17%)
- Blue (36%)



- Cyan (76%)
- Magenta (42%)
- Yellow (0%)
- Black (64%)



- Cyan (91%)
- Magenta (79%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16355C 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 16355C by changing the saturation by 10% instead.

■ 16355C

■ 16355C

FFFFFF

■ 002044

■ 4B638F

■ 00072E

■ 657CA9

■ 000118

■ 7F96C5

■ 000000

■ 9AB0E1

■ B6CCFD

■ D2E8FF

■ EFFFFFF

■ 16355C

■ 16355C

■ 0D305C

■ 1F3A5C

■ 042B5C

■ 283F5C

■ 00295C

■ 32445C

■ 3B4A5C

■ 444F5C

■ 4D545C

■ 56595C

■ 605E5C

■ 69635C

Harmonies

Analogous

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



003B59



16355C



3C2D54

Triad

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



16355C



56261D



023D24

Complementary

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



16355C



5C3D16

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.



253A13



16355C



4B2E0F

Square

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



16355C



592230



3B3509



003E39

Rectangle

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



16355C



4B284A



3B3509



123C1E

Sweetspot

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



16355C



5C6878



165C3C



2C343D



BDBDBD



3D3D3D

Same Dimension

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



16355C



0B3B78



1A165C



292B2E



00316E



0069ED

Inverse Universe

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



5C1635



780B3B



595C16



2E292B



6E0031



ED0069

Previews

White Background



This preview shows how the Hex color 16355C looks on a white background.

Color Contrast Check

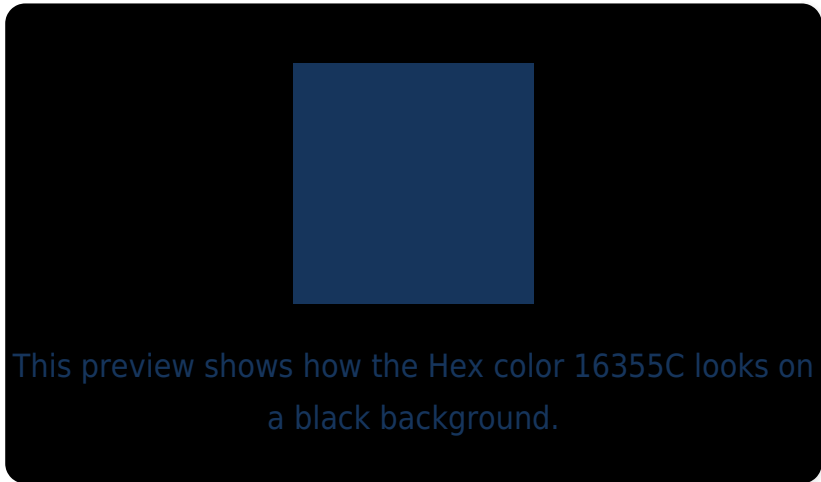
Large Text (above 18pt) WCAG AA ✓ Pass

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 16355C Background



This preview shows how black text looks on a background with the Hex color 16355C.



This preview shows how white text looks on a background with the Hex color 16355C.

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
16355C

Protanopia
23335A

Deuteranopia
14355C



Tritanopia
003A3F

Trichromacy



Original Color
16355C

Protanomaly
1E345B

Deuteranomaly
15355C

Tritanomaly
08384A

Monochromacy



Original Color
16355C

Achromatopsia
303030

Achromatomaly
273240

CSS Examples

Text

The CSS property to change the color of the text to Hex 16355C 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 #16355C looks like.

```
.text, #text, p{  
    color:#16355C  
}
```

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 #16355C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16355C
}
```

Border

The CSS property to change the border of an element to Hex 16355C 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
#16355C }
```

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

```
.border{ border-color:#16355C }
```

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

Here you see how a box with a 4 pixel #16355C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16355C; -webkit-box-shadow:4px 4px  
4px 4px #16355C; box-shadow:4px 4px 4px  
4px #16355C }
```

Background

The CSS property to change the background color of an element to Hex 16355C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16355C }
```

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

```
.background{ background-color:#16355C }
```

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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