

Converting Colors

Hex(162C71)

Have a look what the booklet for
Hex(162C71) contains.

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Color

Hex(162C71)

Conversions

Conversions Part 1

Format	Color
Hex	162C71
RGB	22, 44, 113
RGB Percent	9%, 17%, 44%
CMY	0.9137, 0.8275, 0.5569
CMYK	0.81, 0.61, 0.00, 0.56
HSL	225°, 67%, 26%
HSV	225°, 81%, 44%
XYZ	4.2122, 3.1642, 16.0115
YIQ	45.2880, -35.2610, 16.7950

Conversions

Conversions Part 2

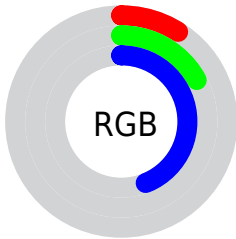
Format	Color
R_{YB}	22, 40, 113
Decimal	1453169
CIE _{Lab}	20.69, 18.79, -42.31
CIE _{LCh}	21, 46.294, 293.953
Yxy	3.1642, 0.1801, 0.1353
Android (android.graphics.Color)	4279643249 (0xFF162C71)
YUV	45.2880, 33.3820, -20.4236
Hunter-Lab	17.7882, 11.1390, -40.9165

Details

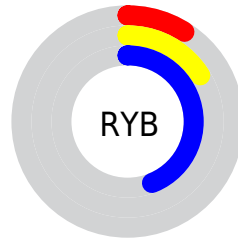
The Hex color **162C71** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **715B16**, and the grayscale version is **2D2D2D**.

A 20% lighter version of the original color is **5159A6**, and **000040** is the 20% darker color. If you saturate the color by 10%, you get **0B2371**, and if you desaturate by 10%, it is **213571**.

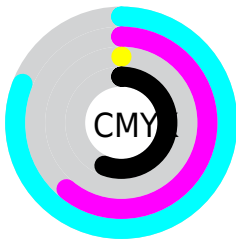
Distribution



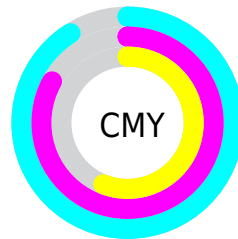
- Red (9%)
- Green (17%)
- Blue (44%)



- Red (9%)
- Yellow (16%)
- Blue (44%)



- Cyan (81%)
- Magenta (61%)
- Yellow (0%)
- Black (56%)



- Cyan (91%)
- Magenta (83%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162C71 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 162C71 by changing the saturation by 10% instead.



162C71



162C71

FFFFFF



001858



5159A6



000040



6D72C1



000329



888BDD



000113



A4A5FA



000000



C0C0FF



DDDCFF



FAF9FF



162C71



162C71

■ 0B2371

■ 213571

■ 001B71

■ 2D3D71

■ 384671

■ 434E71

■ 4F5771

■ 5A5F71

■ 656871

■ 707171

■ 7C7971

Harmonies

Analogous

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



003877



162C71



52175A

Triad

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



162C71



5D1D00



003F2A

Complementary

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



162C71



715B16

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.



003D02



162C71



442E00

Square

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



162C71



6A0219



243800



00404D

Rectangle

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



162C71



640245



243800



003F1E

Sweetspot

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



162C71



707994



16715A



353A4A



C9C9C9



4A4A4A

Same Dimension

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



162C71



042794



2D1671



323438



001D78



003CF7

Inverse Universe

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



71162C



940427



5A7116



383234



78001D



F7003C

Previews

White Background



This preview shows how the Hex color 162C71 looks on a white background.

Color Contrast Check

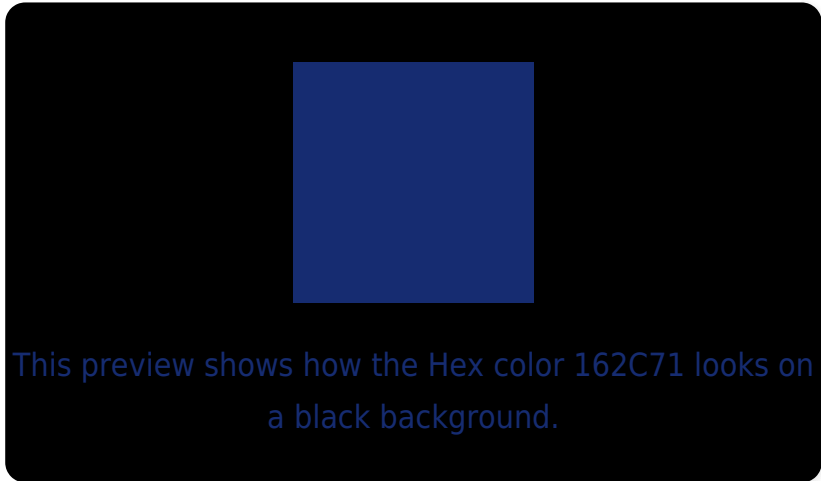
Large Text (above 18pt) WCAG AA ✓ Pass

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

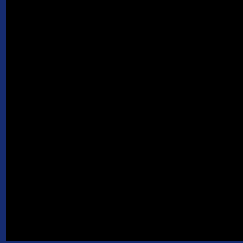
Any Text WCAG AA × Fail

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 162C71 Background



This preview shows how black text looks on a background with the Hex color 162C71.



This preview shows how white text looks on a background with the Hex color 162C71.

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
162C71

Protanopia
003066

Deuteranopia
003358



Tritanopia
00383B

Trichromacy



Original Color
162C71

Protanomaly
082F6A

Deuteranomaly
083061

Tritanomaly
08344F

Monochromacy



Original Color
162C71

Achromatopsia
2D2D2D

Achromatomaly
252D46

CSS Examples

Text

The CSS property to change the color of the text to Hex 162C71 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 #162C71 looks like.

```
.text, #text, p{  
    color:#162C71  
}
```

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 #162C71 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162C71
}
```

Border

The CSS property to change the border of an element to Hex 162C71 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
#162C71 }
```

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

```
.border{ border-color:#162C71 }
```

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

Here you see how a box with a 4 pixel #162C71 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162C71; -webkit-box-shadow:4px 4px  
4px 4px #162C71; box-shadow:4px 4px 4px  
4px #162C71 }
```

Background

The CSS property to change the background color of an element to Hex 162C71 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162C71 }
```

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

```
.background{ background-color:#162C71 }
```

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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