

Converting Colors

Hex(162B57)

Have a look what the booklet for
Hex(162B57) contains.

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Color

Hex(162B57)

Conversions

Conversions Part 1

Format	Color
Hex	162B57
RGB	22, 43, 87
RGB Percent	9%, 17%, 34%
CMY	0.9137, 0.8314, 0.6588
CMYK	0.75, 0.51, 0.00, 0.66
HSL	221°, 60%, 21%
HSV	221°, 75%, 34%
XYZ	2.9151, 2.5864, 9.3624
YIQ	41.7370, -26.6400, 9.2320

Conversions

Conversions Part 2

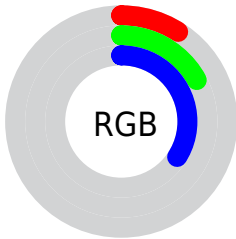
Format	Color
R_{YB}	22, 38, 87
Decimal	1452887
CIE _{Lab}	18.31, 8.64, -29.13
CIE _{LCh}	18, 30.383, 286.525
Yxy	2.5864, 0.1961, 0.1740
Android (android.graphics.Color)	4279642967 (0xFF162B57)
YUV	41.7370, 22.3147, -17.3093
Hunter-Lab	16.0824, 4.2101, -23.2581

Details

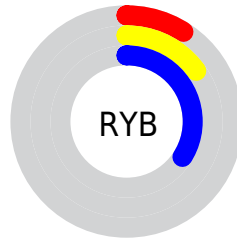
The Hex color **162B57** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **574216**, and the grayscale version is **2A2A2A**.

A 20% lighter version of the original color is **4A5889**, and **000229** is the 20% darker color. If you saturate the color by 10%, you get **0D2557**, and if you desaturate by 10%, it is **1F3157**.

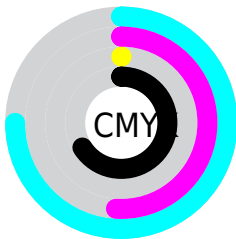
Distribution



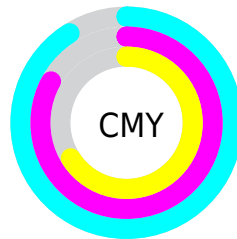
- Red (9%)
- Green (17%)
- Blue (34%)



- Red (9%)
- Yellow (15%)
- Blue (34%)



- Cyan (75%)
- Magenta (51%)
- Yellow (0%)
- Black (66%)



- Cyan (91%)
- Magenta (83%)
- Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 162B57 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 162B57 by changing the saturation by 10% instead.

■ 162B57

■ 162B57

FFFFFF

■ 00173F

■ 4A5889

■ 000229

■ 6470A4

■ 000113

■ 7E8ABF

■ 000000

■ 99A4DB

■ B4BFF8

■ D0DBFF

■ EDF7FF

■ 162B57

■ 162B57

■ 0D2557

■ 1F3157

■ 051F57

■ 273757

■ 001C57

■ 303D57

■ 394357

■ 424857

■ 4A4E57

■ 535457

■ 5C5A57

■ 646057

Harmonies

Analogous

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



003257



162B57



3D214B

Triad

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



162B57



4E1F0C



003622

Complementary

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



162B57



574216

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.



11340B



162B57



402800

Square

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



162B57



541722



2D2F00



003739

Rectangle

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



162B57



4B1A3F



2D2F00



00361A

Sweetspot

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



162B57



585F70



165741



2A2E38



B8B8B8



383838

Same Dimension

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



162B57



0B2C70



211657



27282B



00236B



004CEB

Inverse Universe

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



57162B



700B2C



4C5716



2B2728



6B0023



EB004C

Previews

White Background



This preview shows how the Hex color 162B57 looks on a white background.

Color Contrast Check

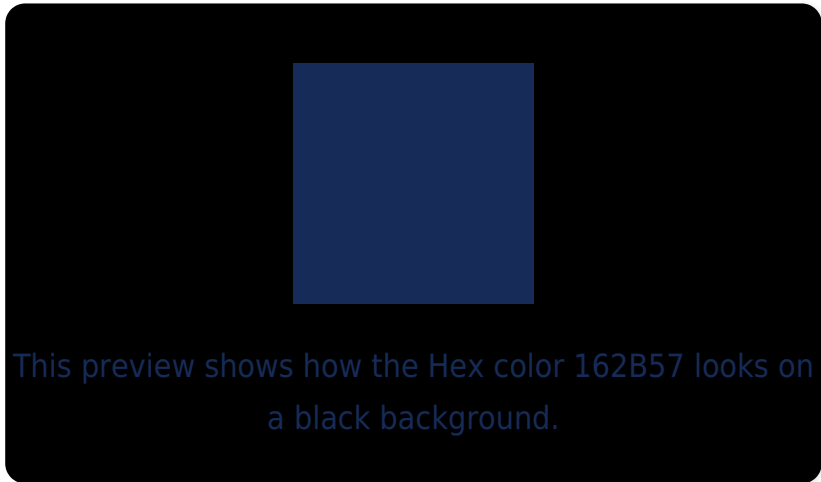
Large Text (above 18pt) WCAG AA ✓ Pass

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

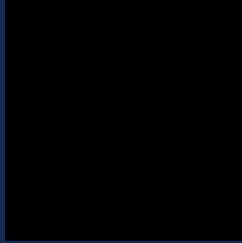
Any Text WCAG AA × Fail

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 162B57 Background



This preview shows how black text looks on a background with the Hex color 162B57.



This preview shows how white text looks on a background with the Hex color 162B57.

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
162B57

Protanopia
122B57

Deuteranopia
002E50

Trichromacy



Original Color
162B57

Protanomaly
132B57

Deuteranomaly
082D53

Tritanomaly
082F41

Monochromacy



Original Color
162B57

Achromatopsia
2A2A2A

Achromatomaly
232A3A

CSS Examples

Text

The CSS property to change the color of the text to Hex 162B57 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 #162B57 looks like.

```
.text, #text, p{  
    color:#162B57  
}
```

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 #162B57 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #162B57
}
```

Border

The CSS property to change the border of an element to Hex 162B57 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
#162B57 }
```

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

```
.border{ border-color:#162B57 }
```

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

Here you see how a box with a 4 pixel #162B57 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #162B57; -webkit-box-shadow:4px 4px  
4px 4px #162B57; box-shadow:4px 4px 4px  
4px #162B57 }
```

Background

The CSS property to change the background color of an element to Hex 162B57 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#162B57 }
```

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

```
.background{ background-color:#162B57 }
```

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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