

Converting Colors

Hex(16362A)

Have a look what the booklet for
Hex(16362A) contains.

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Color

Hex(16362A)

Conversions

Conversions Part 1

Format	Color
Hex	16362A
RGB	22, 54, 42
RGB Percent	9%, 21%, 16%
CMY	0.9137, 0.7882, 0.8353
CMYK	0.59, 0.00, 0.22, 0.79
HSL	158°, 42%, 15%
HSV	158°, 59%, 21%
XYZ	2.0680, 2.9761, 2.6559
YIQ	43.0640, -15.2200, -10.5160

Conversions

Conversions Part 2

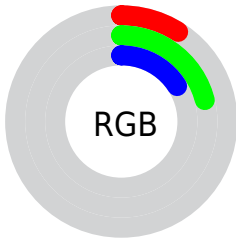
Format	Color
R_{YB}	22, 42, 54
Decimal	1455658
CIE _{Lab}	19.95, -15.36, 3.98
CIE _{LCh}	20, 15.869, 165.489
Yxy	2.9761, 0.2686, 0.3865
Android (android.graphics.Color)	4279645738 (0xFF16362A)
YUV	43.0640, -0.5246, -18.4731
Hunter-Lab	17.2513, -8.7925, 2.9479

Details

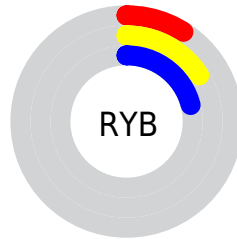
The Hex color **16362A** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **361622**, and the grayscale version is **2B2B2B**.

A 20% lighter version of the original color is **446557**, and **000000** is the 20% darker color. If you saturate the color by 10%, you get **113628**, and if you desaturate by 10%, it is **1B362C**.

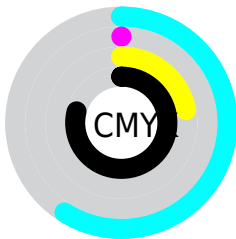
Distribution



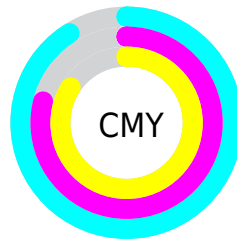
- Red (9%)
- Green (21%)
- Blue (16%)



- Red (9%)
- Yellow (16%)
- Blue (21%)



- Cyan (59%)
- Magenta (0%)
- Yellow (22%)
- Black (79%)



- Cyan (91%)
- Magenta (79%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16362A 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 16362A by changing the saturation by 10% instead.

■ 16362A

■ 16362A

FEFFFF

■ 002116

■ 446557

■ 000000

■ 5C7E70

■ 759889

■ 8FB3A3

■ AACEBE

■ C5EBDA

■ E1FFF7

■ 16362A

■ 16362A

■ 113628

■ 1B362C

■ 0B3626

■ 21362E

■ 063624

■ 263630

■ 003622

■ 2C3632

■ 313634

■ 363636

■ 3C3638

■ 41363A

■ 47363C

Harmonies

Analogous

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



253420



16362A



053636

Triad

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



16362A



292F46



442A20

Complementary

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



16362A



361622

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.



47272B



16362A



392B41

Square

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



16362A



153346



432836



3D2E1A

Rectangle

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



16362A



01363D



432836



462923

Sweetspot

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



16362A



3B4743



223616



1C2421



A3A3A3



242424

Same Dimension

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



16362A



154734



163236



191C1B



005C39



00DB89

Inverse Universe

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



361622



471528



361A16



1C191A



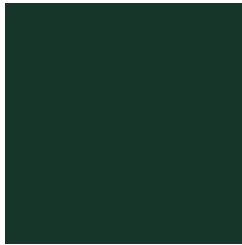
5C0022



DB0052

Previews

White Background



This preview shows how the Hex color 16362A looks on a white background.

Color Contrast Check

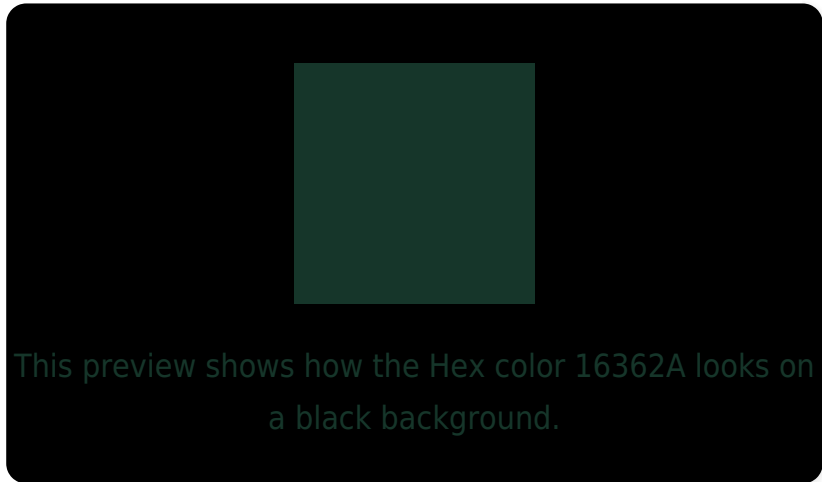
Large Text (above 18pt) WCAG AA ✓ Pass

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

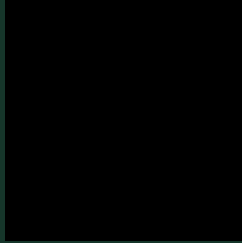
Any Text WCAG AA × Fail

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 16362A Background



This preview shows how black text looks on a background with the Hex color 16362A.



This preview shows how white text looks on a background with the Hex color 16362A.

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](#).

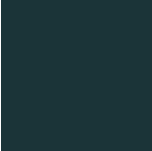
Dichromacy



Original Color
16362A

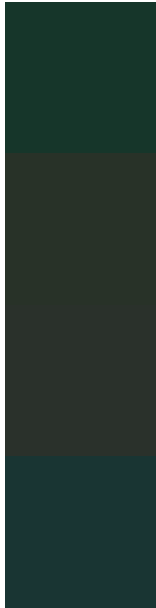
Protanopia
333027

Deuteranopia
362E2C



Tritanopia
1B3438

Trichromacy



Original Color
16362A

Protanomaly
283228

Deuteranomaly
2A312B

Tritanomaly
193533

Monochromacy



Original Color
16362A

Achromatopsia
2B2B2B

Achromatomaly
232F2B

CSS Examples

Text

The CSS property to change the color of the text to Hex 16362A 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 #16362A looks like.

```
.text, #text, p{  
    color:#16362A  
}
```

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 #16362A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16362A
}
```

Border

The CSS property to change the border of an element to Hex 16362A is called "border". The border property can be set on classes, ids or directly on the HTML element.

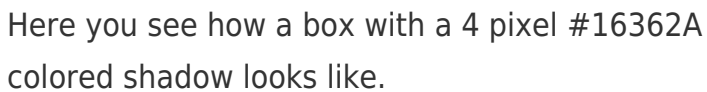
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#16362A }
```

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

```
.border{ border-color:#16362A }
```

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



Here you see how a box with a 4 pixel #16362A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16362A; -webkit-box-shadow:4px 4px  
4px 4px #16362A; box-shadow:4px 4px 4px  
4px #16362A }
```

Background

The CSS property to change the background color of an element to Hex 16362A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16362A }
```

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

```
.background{ background-color:#16362A }
```

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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