

Converting Colors

Hex(23462B)

Have a look what the booklet for
Hex(23462B) contains.

Hex(23462B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(23462B)

Conversions

Conversions Part 1

Format	Color
Hex	23462B
RGB	35, 70, 43
RGB Percent	14%, 27%, 17%
CMY	0.8627, 0.7255, 0.8314
CMYK	0.50, 0.00, 0.39, 0.73
HSL	134°, 33%, 21%
HSV	134°, 50%, 27%
XYZ	3.3193, 4.9121, 3.0587
YIQ	56.4570, -12.1930, -15.8170

Conversions

Conversions Part 2

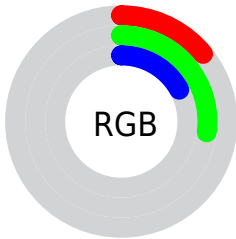
Format	Color
R_{YB}	35, 63, 70
Decimal	2311723
CIE _{Lab}	26.48, -19.68, 12.45
CIE _{LCh}	26, 23.288, 147.687
Y _{xy}	4.9121, 0.2940, 0.4351
Android (android.graphics.Color)	4280501803 (0xFF23462B)
YUV	56.4570, -6.6343, -18.8178
Hunter-Lab	22.1632, -12.0519, 7.3318

Details

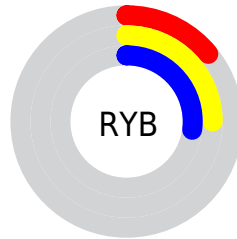
The Hex color **23462B** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **46233E**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **527759**, and **001C00** is the 20% darker color. If you saturate the color by 10%, you get **1C4626**, and if you desaturate by 10%, it is **2A4630**.

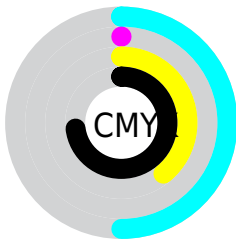
Distribution



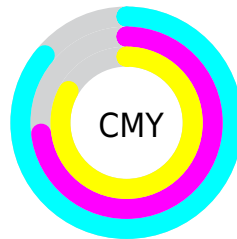
- Red (14%)
- Green (27%)
- Blue (17%)



- Red (14%)
- Yellow (25%)
- Blue (27%)



- Cyan (50%)
- Magenta (0%)
- Yellow (39%)
- Black (73%)



- Cyan (86%)
- Magenta (73%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23462B 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 23462B by changing the saturation by 10% instead.

 23462B

 23462B

FFFFFF

 0C2F16

 527759

 001C00

 6B9071

 000000

 84AB8B

 9FC6A5

 BAE3C0

 D6FFDC

 F3FFF9

 23462B

 23462B

■ 1C4626

■ 2A4630

■ 154620

■ 314636

■ 0E461B

■ 38463B

■ 074615

■ 3F4641

■ 004610

■ 464646

■ 4D464B

■ 544651

■ 5B4656

■ 62465C

Harmonies

Analogous

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



39421E



23462B



00483D

Triad

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



23462B



1D4162



60312F

Complementary

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



23462B



46233E

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.



5F3041



23462B



3E3B5E

Square

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



23462B



00455C



533452



583721

Rectangle

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



23462B



004849



533452



603035

Sweetspot

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



23462B



4E5C51



3E4623



262E28



ADADAD



2E2E2E

Same Dimension

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



23462B



255C31



23463C



202421



006317



00E334

Inverse Universe

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



46233E



5C254F



46232D



242023



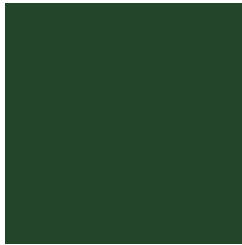
63004D



E300AF

Previews

White Background



This preview shows how the Hex color 23462B looks on a white background.

Color Contrast Check

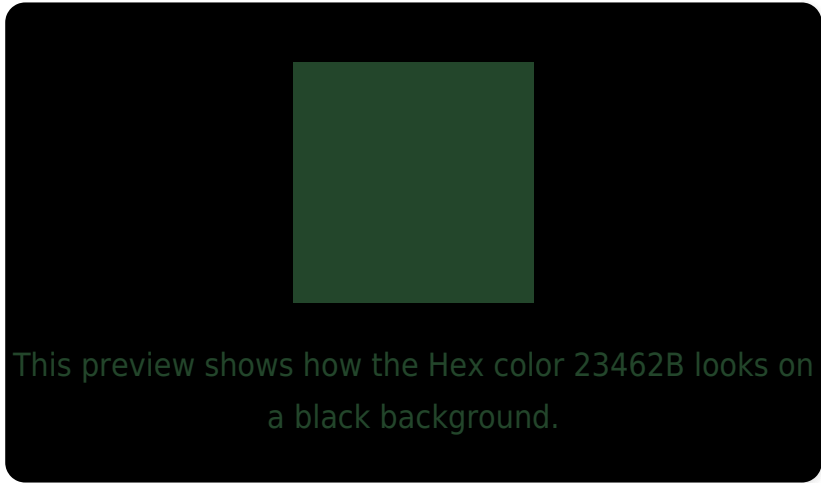
Large Text (above 18pt) WCAG AA ✓ Pass

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

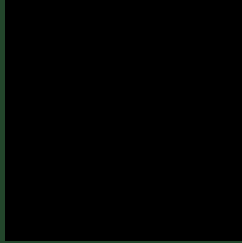
Any Text WCAG AA × Fail

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 23462B Background



This preview shows how black text looks on a background with the Hex color 23462B.



This preview shows how white text looks on a background with the Hex color 23462B.

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](#).

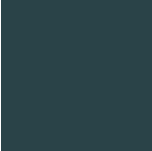
Dichromacy



Original Color
23462B

Protanopia
443E28

Deuteranopia
4A3C2D



Tritanopia
2A4348

Trichromacy



Original Color
23462B

Protanomaly
384129

Deuteranomaly
3C402C

Tritanomaly
27443D

Monochromacy



Original Color
23462B

Achromatopsia
383838

Achromatomaly
303D33

CSS Examples

Text

The CSS property to change the color of the text to Hex 23462B 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 #23462B looks like.

```
.text, #text, p{  
    color:#23462B  
}
```

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 #23462B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23462B
}
```

Border

The CSS property to change the border of an element to Hex 23462B 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".

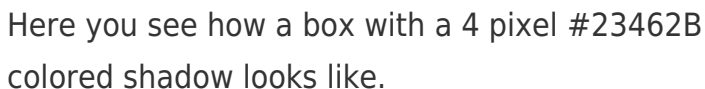
```
.border, #border, table{ border:4px solid
#23462B }
```

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

```
.border{ border-color:#23462B }
```

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

Here you see how a box with a 4 pixel #23462B colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The shadow is cast to the right and bottom of the box, creating a 3D effect. The text inside the box is black and reads: "Here you see how a box with a 4 pixel #23462B colored shadow looks like."

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23462B; -webkit-box-shadow:4px 4px  
4px 4px #23462B; box-shadow:4px 4px 4px  
4px #23462B }
```

Background

The CSS property to change the background color of an element to Hex 23462B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23462B }
```

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

```
.background{ background-color:#23462B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor