

Converting Colors

Hex(23752A)

Have a look what the booklet for
Hex(23752A) contains.

Hex(23752A)	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(23752A)

Conversions

Conversions Part 1

Format	Color
Hex	23752A
RGB	35, 117, 42
RGB Percent	14%, 46%, 16%
CMY	0.8627, 0.5412, 0.8353
CMYK	0.70, 0.00, 0.64, 0.54
HSL	125°, 54%, 30%
HSV	125°, 70%, 46%
XYZ	7.4723, 13.2471, 4.3536
YIQ	83.9320, -24.7970, -40.7090

Conversions

Conversions Part 2

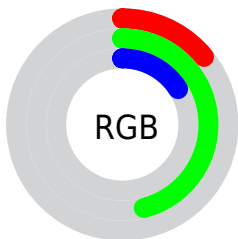
Format	Color
RYB	35, 111, 117
Decimal	2323754
CIELab	43.13, -40.69, 33.56
CIELCh	43, 52.746, 140.482
Yxy	13.2471, 0.2980, 0.5283
Android (android.graphics.Color)	4280513834 (0xFF23752A)
YUV	83.9320, -20.6725, -42.9134
Hunter-Lab	36.3965, -27.0472, 18.3856

Details

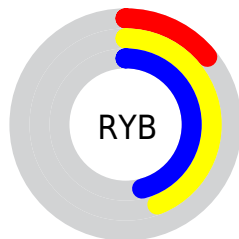
The Hex color **23752A** is a dark color, and the websafe version is hex **006600**. A complement of this color would be **75236E**, and the grayscale version is **545454**.

A 20% lighter version of the original color is **5CAA5A**, and **004300** is the 20% darker color. If you saturate the color by 10%, you get **17751F**, and if you desaturate by 10%, it is **2F7535**.

Distribution



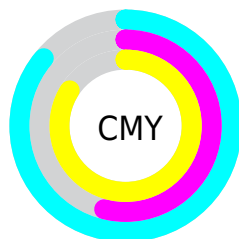
- Red (14%)
- Green (46%)
- Blue (16%)



- Red (14%)
- Yellow (44%)
- Blue (46%)



- Cyan (70%)
- Magenta (0%)
- Yellow (64%)
- Black (54%)



- Cyan (86%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the Hex color 23752A 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 23752A by changing the saturation by 10% instead.

 23752A

 23752A

FFFFFF

 005C12

 5CAA5A

 004300

 77C674

 002D00

 92E28E

 001300

 AEFFA9

 000000

 CBFFC4

 E8FFE1

 FFFFFD

 23752A

 23752A

■ 17751F

■ 2F7535

■ 0C7515

■ 3A753F

■ 00750A

■ 46754A

■ 527555

■ 5E7560

■ 69756A

■ 757575

■ 817580

■ 8C758A

Harmonies

Analogous

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



5E6D00



23752A



007956

Triad

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



23752A



006FBC



B33B4A

Complementary

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



23752A



75236E

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.



AD3B76



23752A



4860B8

Square

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



23752A



0077A9



8C4C9E



A44C22

Rectangle

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



23752A



007A74



8C4C9E



B43958

Sweetspot

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



23752A



79997C



6E7523



394D3B



CCCCCC



4D4D4D

Same Dimension

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



23752A



189923



237553



353B35



007A0A



00FA15

Inverse Universe

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



75236E



99188E



752345



3B353A



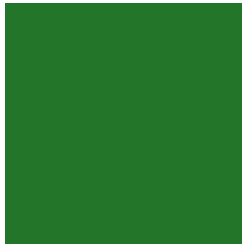
7A0070



FA00E5

Previews

White Background



This preview shows how the Hex color 23752A looks on a white background.

Color Contrast Check

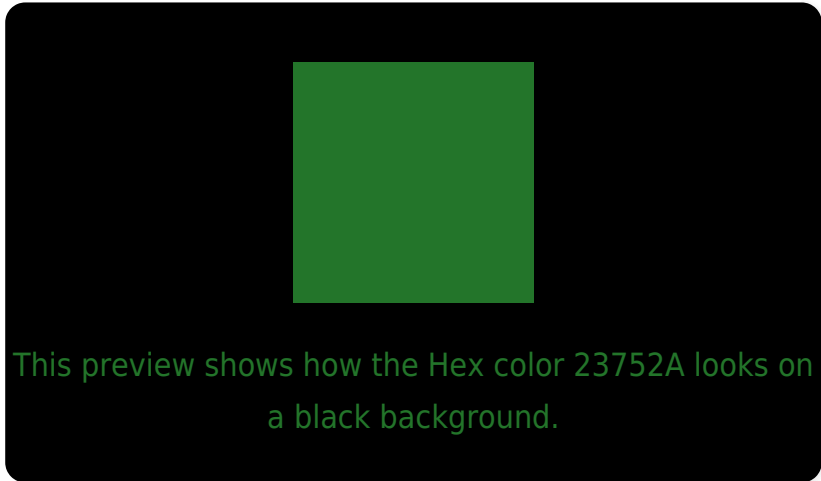
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 23752A Background



This preview shows how black text looks on a background with the Hex color 23752A.



This preview shows how white text looks on a background with the Hex color 23752A.

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
23752A

Protanopia
716626

Deuteranopia
7D6030



Tritanopia
396E76

Trichromacy



Original Color
23752A



Protanomaly
556B27



Deuteranomaly
5C682E



Tritanomaly
31715A

Monochromacy



Original Color
23752A



Achromatopsia
545454



Achromatomaly
426045

CSS Examples

Text

The CSS property to change the color of the text to Hex 23752A 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 #23752A looks like.

```
.text, #text, p{  
    color:#23752A  
}
```

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 #23752A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #23752A
}
```

Border

The CSS property to change the border of an element to Hex 23752A 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
#23752A }
```

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

```
.border{ border-color:#23752A }
```

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

Here you see how a box with a 4 pixel #23752A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #23752A; -webkit-box-shadow:4px 4px  
4px 4px #23752A; box-shadow:4px 4px 4px  
4px #23752A }
```

Background

The CSS property to change the background color of an element to Hex 23752A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#23752A }
```

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

```
.background{ background-color:#23752A }
```

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