

Converting Colors

Hex(24552C)

Have a look what the booklet for
Hex(24552C) contains.

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Color

Hex(24552C)

Conversions

Conversions Part 1

Format	Color
Hex	24552C
RGB	36, 85, 44
RGB Percent	14%, 33%, 17%
CMY	0.8588, 0.6667, 0.8275
CMYK	0.58, 0.00, 0.48, 0.67
HSL	130°, 40%, 24%
HSV	130°, 58%, 33%
XYZ	4.4307, 7.0539, 3.5109
YIQ	65.6750, -16.0430, -23.1390

Conversions

Conversions Part 2

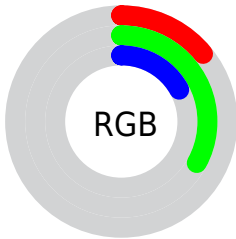
Format	Color
RYB	36, 78, 85
Decimal	2381100
CIELab	31.93, -26.64, 18.98
CIElCh	32, 32.713, 144.536
Yxy	7.0539, 0.2955, 0.4704
Android (android.graphics.Color)	4280571180 (0xFF24552C)
YUV	65.6750, -10.6858, -26.0250
Hunter-Lab	26.5592, -16.7008, 10.7538

Details

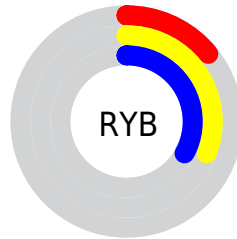
The Hex color **24552C** is a dark color, and the websafe version is hex **336633**. A complement of this color would be **55244D**, and the grayscale version is **424242**.

A 20% lighter version of the original color is **55875A**, and **002700** is the 20% darker color. If you saturate the color by 10%, you get **1C5525**, and if you desaturate by 10%, it is **2D5533**.

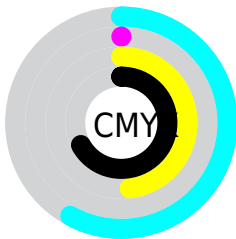
Distribution



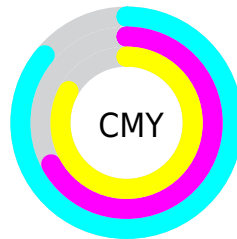
- Red (14%)
- Green (33%)
- Blue (17%)



- Red (14%)
- Yellow (31%)
- Blue (33%)



- Cyan (58%)
- Magenta (0%)
- Yellow (48%)
- Black (67%)



- Cyan (86%)
- Magenta (67%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24552C 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 24552C by changing the saturation by 10% instead.



24552C



24552C

FFFFFF



093D17



55875A



002700



6FA273



000D00



89BD8D



000000



A4D9A7



BFF5C3



DCFFDF



F9FFFB



24552C



24552C

■ 1C5525

■ 2D5533

■ 13551E

■ 35553A

■ 0A5517

■ 3D5541

■ 025510

■ 465548

■ 00550E

■ 4E5550

■ 575557

■ 5F555E

■ 685565

■ 71556C

Harmonies

Analogous

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



455019



24552C



005745

Triad

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



24552C



004F7E



7A3637

Complementary

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



24552C



55244D

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.



773551



24552C



44467A

Square

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



24552C



005574



663C69



703E22

Rectangle

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



24552C



005857



663C69



7B3540

Sweetspot

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



24552C



5B6E5E



4E5524



2D382F



B8B8B8



383838

Same Dimension

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



24552C



226E2E



245544



272B28



006B11



00EB26

Inverse Universe

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



55244D



6E2261



552435



2B272B



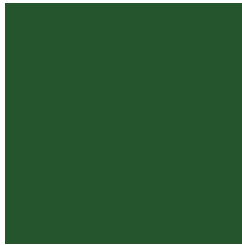
6B005A



EB00C4

Previews

White Background



This preview shows how the Hex color 24552C looks on a white background.

Color Contrast Check

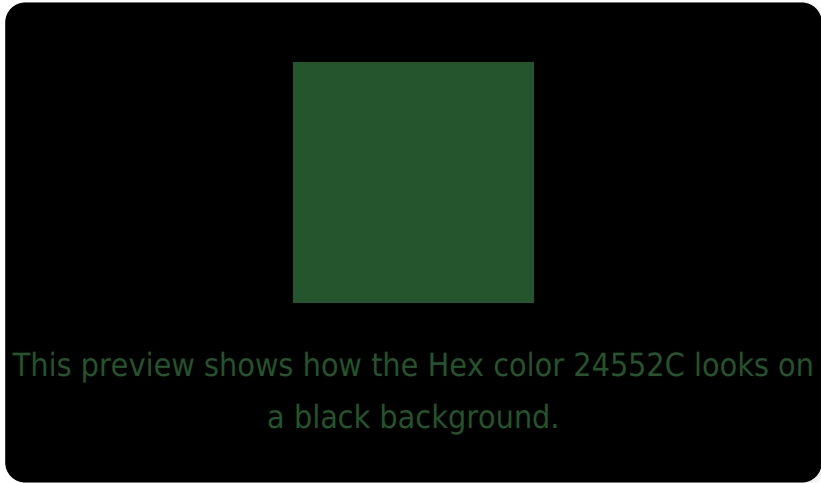
Large Text (above 18pt) WCAG AA ✓ Pass

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

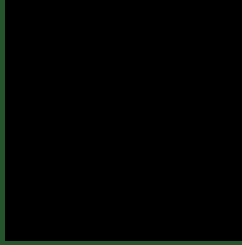
Any Text WCAG AA × Fail

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 24552C Background



This preview shows how black text looks on a background with the Hex color 24552C.



This preview shows how white text looks on a background with the Hex color 24552C.

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
24552C

Protanopia
524B28

Deuteranopia
5A482F



Tritanopia
2F5057

Trichromacy



Original Color
24552C

Protanomaly
414F29

Deuteranomaly
464D2E

Tritanomaly
2B5247

Monochromacy



Original Color
24552C

Achromatopsia
424242

Achromatomaly
37493A

CSS Examples

Text

The CSS property to change the color of the text to Hex 24552C 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 #24552C looks like.

```
.text, #text, p{  
    color:#24552C  
}
```

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 #24552C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24552C
}
```

Border

The CSS property to change the border of an element to Hex 24552C 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".

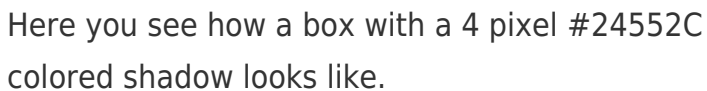
```
.border, #border, table{ border:4px solid
#24552C }
```

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

```
.border{ border-color:#24552C }
```

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

Here you see how a box with a 4 pixel #24552C colored shadow looks like.

A rectangular box with a dark green border and a dark green shadow. The box is white with a thin dark green border on the top and left sides, and a thicker dark green shadow on the bottom and right sides.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24552C; -webkit-box-shadow:4px 4px  
4px 4px #24552C; box-shadow:4px 4px 4px  
4px #24552C }
```

Background

The CSS property to change the background color of an element to Hex 24552C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24552C }
```

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

```
.background{ background-color:#24552C }
```

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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