

Converting Colors

Hex(565A26)

Have a look what the booklet for
Hex(565A26) contains.

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Color

Hex(565A26)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 565A26 |
| RGB | 86, 90, 38 |
| RGB Percent | 34%, 35%, 15% |
| CMY | 0.6627, 0.6471, 0.8510 |
| CMYK | 0.04, 0.00, 0.58, 0.65 |
| HSL | 65°, 41%, 25% |
| HSV | 65°, 58%, 35% |
| XYZ | 7.8438, 9.4307, 3.2406 |
| YIQ | 82.8760, 14.3080, -17.0200 |

Conversions

Conversions Part 2

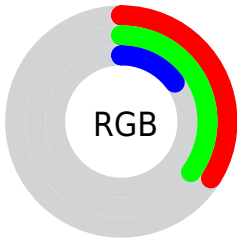
| Format | Color |
|-------------------------------------|------------------------------|
| R_{YB} | 38, 90, 42 |
| Decimal | 5659174 |
| CIE _{Lab} | 36.80, -9.90, 29.06 |
| CIE _{LCh} | 37, 30.696, 108.819 |
| Yxy | 9.4307, 0.3823, 0.4597 |
| Android (android.graphics.Color) | 4283849254 (0xFF565A26) |
| YUV | 82.8760, -22.1239, 2.7397 |
| Hunter-Lab | 30.7094, -8.1493, 15.2400 |

Details

The Hex color **565A26** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **2A265A**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **898C55**, and **282C00** is the 20% darker color. If you saturate the color by 10%, you get **555A1D**, and if you desaturate by 10%, it is **575A2F**.

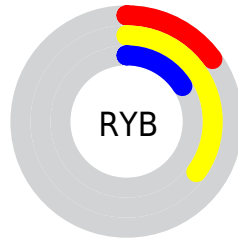
Distribution



Red (34%)

Green (35%)

Blue (15%)



Red (15%)

Yellow (35%)

Blue (16%)

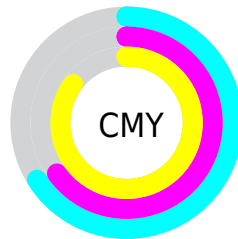


Cyan (4%)

Magenta (0%)

Yellow (58%)

Black (65%)



Cyan (66%)

Magenta (65%)

Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the Hex color 565A26 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 565A26 by changing the saturation by 10% instead.



565A26



565A26

FFFFFF



3E430F



898C55



282C00



A4A66E



0C1900



BFC187



000000



DCDDA2



F8FABD



FFFFD9



FFFFFF6



565A26



565A26

■ 555A1D

■ 575A2F

■ 555A14

■ 575A38

■ 545A0B

■ 585A41

■ 535A02

■ 595A4A

■ 535A00

■ 595A53

■ 5A5A5C

■ 5B5A65

■ 5C5A6E

■ 5C5A77

Harmonies

Analogous

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



6D5225



565A26



3A6035

Triad

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



565A26



00617B



804361

Complementary

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



565A26



2A265A

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.



6C4A77



565A26



095C87

Square

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



565A26



006366



4A5485



854348

Rectangle

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



565A26



206244



4A5485



7B4569

Sweetspot

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



565A26



747561



5A2926



3A3B2F



BABABA



3B3B3B

Same Dimension

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



565A26



6F7524



3D5A26



2E2E29



656E00



DBED00

Inverse Universe

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



2A265A



2B2475



43265A



2A292E



08006E



1200ED

Previews

White Background



This preview shows how the Hex color 565A26 looks on a white background.

Color Contrast Check

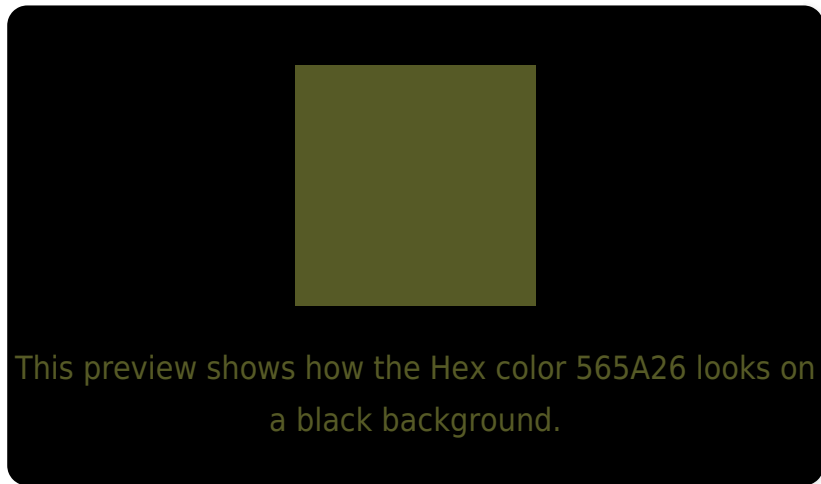
Large Text (above 18pt) WCAG AA ✓ Pass

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

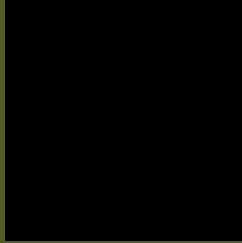
Any Text WCAG AA × Fail

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 565A26 Background



This preview shows how black text looks on a background with the Hex color 565A26.



This preview shows how white text looks on a background with the Hex color 565A26.

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
565A26

Protanopia
605725

Deuteranopia
6B5228



Tritanopia
5B545B

Trichromacy



Original Color
565A26

Protanomaly
5C5825

Deuteranomaly
635527

Tritanomaly
595648

Monochromacy



Original Color
565A26

Achromatopsia
535353

Achromatomaly
545643

CSS Examples

Text

The CSS property to change the color of the text to Hex 565A26 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 #565A26 looks like.

```
.text, #text, p{  
    color:#565A26  
}
```

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 #565A26 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #565A26
}
```

Border

The CSS property to change the border of an element to Hex 565A26 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
#565A26 }
```

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

```
.border{ border-color:#565A26 }
```

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

Here you see how a box with a 4 pixel #565A26 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #565A26; -webkit-box-shadow:4px 4px  
4px 4px #565A26; box-shadow:4px 4px 4px  
4px #565A26 }
```

Background

The CSS property to change the background color of an element to Hex 565A26 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#565A26 }
```

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

```
.background{ background-color:#565A26 }
```

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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