

Converting Colors

Hex(564D16)

Have a look what the booklet for
Hex(564D16) contains.

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Color

Hex(564D16)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 564D16 |
| RGB | 86, 77, 22 |
| RGB Percent | 34%, 30%, 9% |
| CMY | 0.6627, 0.6980, 0.9137 |
| CMYK | 0.00, 0.10, 0.74, 0.66 |
| HSL | 52°, 59%, 21% |
| HSV | 52°, 74%, 34% |
| XYZ | 6.6364, 7.3441, 1.8268 |
| YIQ | 73.4210, 23.0190, -15.1970 |

Conversions

Conversions Part 2

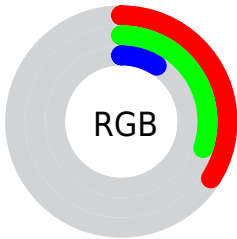
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 32, 86, 22 |
| Decimal | 5655830 |
| CIELab | 32.58, -3.50, 32.55 |
| CIElCh | 33, 32.741, 96.131 |
| Yxy | 7.3441, 0.4198, 0.4646 |
| Android (android.graphics.Color) | 4283845910 (0xFF564D16) |
| YUV | 73.4210, -25.3506, 11.0318 |
| Hunter-Lab | 27.1000, -3.7127, 14.9732 |

Details

The Hex color **564D16** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **161F56**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8A7E45**, and **262100** is the 20% darker color. If you saturate the color by 10%, you get **564C0D**, and if you desaturate by 10%, it is **564E1F**.

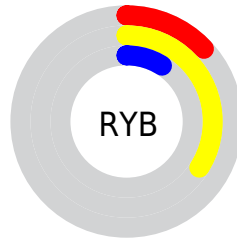
Distribution



Red (34%)

Green (30%)

Blue (9%)



Red (13%)

Yellow (34%)

Blue (9%)

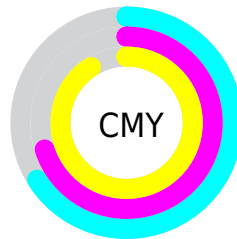


Cyan (0%)

Magenta (10%)

Yellow (74%)

Black (66%)



Cyan (66%)

Magenta (70%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564D16 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 564D16 by changing the saturation by 10% instead.

 564D16

 564D16

FFFFFF

 3E3600

 8A7E45

 262100

 A5985D

 050C00

 C1B276

 000000

 DDCE90

 FAEAAB

 FFFFC7

 FFFF33

 564D16

 564D16

■ 564C0D

■ 564E1F

■ 564B05

■ 564F27

■ 564A00

■ 565130

■ 565238

■ 565341

■ 56544A

■ 565552

■ 56575B

■ 565863

Harmonies

Analogous

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



6B441D



564D16



3B5421

Triad

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



564D16



00596A



703A62

Complementary

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



564D16



161F56

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.



554476



564D16



00557B

Square

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



564D16



005951



244E80



7C3648

Rectangle

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



564D16



23572F



244E80



693D6A

Sweetspot

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



564D16



706D58



561620



38362A



B8B8B8



383838

Same Dimension

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



564D16



70620C



405616



2B2B27



6B5C00



EBCA00

Inverse Universe

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



161F56



0C1A70



2C1656



27282B



000F6B



0021EB

Previews

White Background



This preview shows how the Hex color 564D16 looks on a white background.

Color Contrast Check

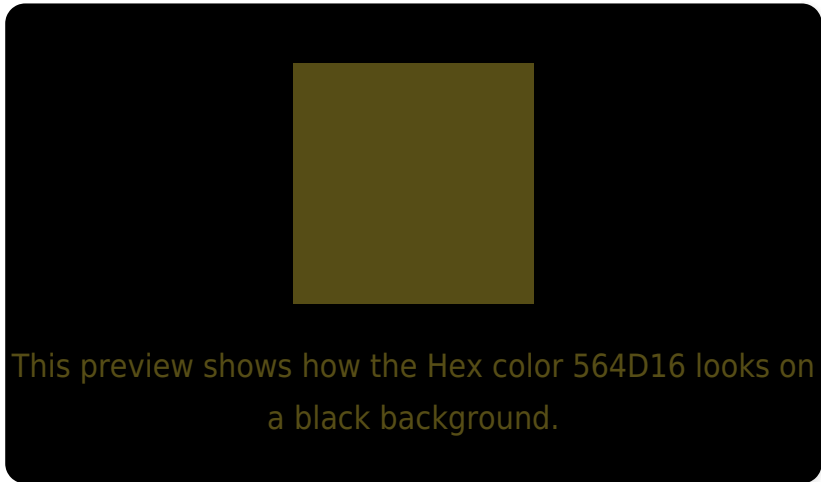
Large Text (above 18pt) WCAG AA ✓ Pass

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

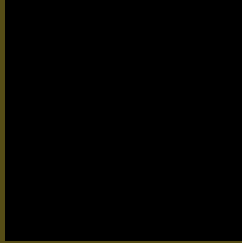
Any Text WCAG AA × Fail

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 564D16 Background



This preview shows how black text looks on a background with the Hex color 564D16.



This preview shows how white text looks on a background with the Hex color 564D16.

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](#).

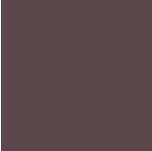
Dichromacy



Original Color
564D16

Protanopia
564D16

Deuteranopia
604918



Tritanopia
5A484D

Trichromacy



Original Color
564D16

Protanomaly
564D16

Deuteranomaly
5C4A17

Tritanomaly
594A39

Monochromacy



Original Color
564D16

Achromatopsia
494949

Achromatomaly
4E4A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 564D16 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 #564D16 looks like.

```
.text, #text, p{  
    color:#564D16  
}
```

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 #564D16 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564D16
}
```

Border

The CSS property to change the border of an element to Hex 564D16 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
#564D16 }
```

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

```
.border{ border-color:#564D16 }
```

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

Here you see how a box with a 4 pixel #564D16 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564D16; -webkit-box-shadow:4px 4px  
4px 4px #564D16; box-shadow:4px 4px 4px  
4px #564D16 }
```

Background

The CSS property to change the background color of an element to Hex 564D16 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564D16 }
```

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

```
.background{ background-color:#564D16 }
```

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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