

Converting Colors

Hex(564C15)

Have a look what the booklet for
Hex(564C15) contains.

| | |
|--|----|
| Hex(564C15) | 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(564C15)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 564C15 |
| RGB | 86, 76, 21 |
| RGB Percent | 34%, 30%, 8% |
| CMY | 0.6627, 0.7020, 0.9176 |
| CMYK | 0.00, 0.12, 0.76, 0.66 |
| HSL | 51°, 61%, 21% |
| HSV | 51°, 76%, 34% |
| XYZ | 6.5576, 7.2015, 1.7539 |
| YIQ | 72.7200, 23.6150, -14.9850 |

Conversions

Conversions Part 2

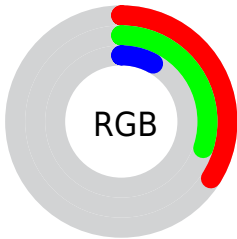
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 33, 86, 21 |
| Decimal | 5655573 |
| CIE Lab | 32.26, -2.95, 32.70 |
| CIE LCh | 32, 32.832, 95.157 |
| Yxy | 7.2015, 0.4227, 0.4642 |
| Android (android.graphics.Color) | 4283845653 (0xFF564C15) |
| YUV | 72.7200, -25.4980, 11.6466 |
| Hunter-Lab | 26.8355, -3.3438, 14.9099 |

Details

The Hex color **564C15** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **151F56**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8A7D44**, and **262000** is the 20% darker color. If you saturate the color by 10%, you get **564B0C**, and if you desaturate by 10%, it is **564D1E**.

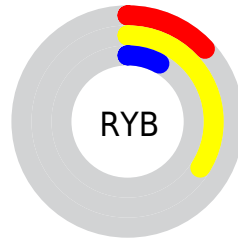
Distribution



Red (34%)

Green (30%)

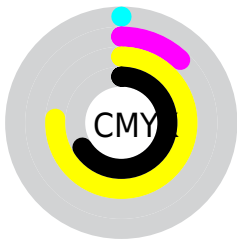
Blue (8%)



Red (13%)

Yellow (34%)

Blue (8%)

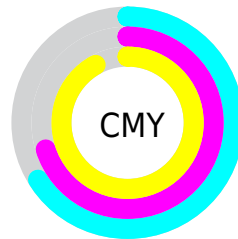


Cyan (0%)

Magenta (12%)

Yellow (76%)

Black (66%)



Cyan (66%)

Magenta (70%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564C15 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 564C15 by changing the saturation by 10% instead.



564C15



564C15

FFFFFFE



3E3500



8A7D44



262000



A5965C



050A00



C1B175



000000



DDCC8F



FAE9AA



FFFFC5



FFFFE2



564C15



564C15

■ 564B0C

■ 564D1E

■ 564904

■ 564F26

■ 564900

■ 56502F

■ 565137

■ 565340

■ 565449

■ 565551

■ 56575A

■ 565862

Harmonies

Analogous

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



6B431C



564C15



3B531F

Triad

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



564C15



005869



6F3962

Complementary

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



564C15



151F56

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.



534376



564C15



00547A

Square

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



564C15



005950



214D7F



7B3548

Rectangle

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



564C15



24562D



214D7F



673C6A

Sweetspot

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



564C15



706C56



561520



383628



B8B8B8



383838

Same Dimension

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



564C15



70600A



405615



2B2B27



6B5B00



EBC700

Inverse Universe

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



151F56



0A1A70



2B1556



27282B



00106B



0024EB

Previews

White Background



This preview shows how the Hex color 564C15 looks on a white background.

Color Contrast Check

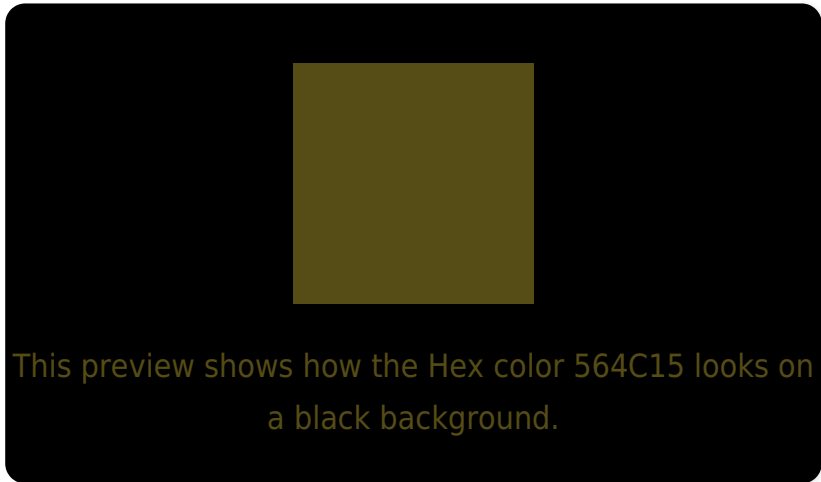
Large Text (above 18pt) WCAG AA ✓ Pass

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

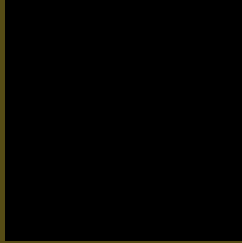
Any Text WCAG AA × Fail

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 564C15 Background



This preview shows how black text looks on a background with the Hex color 564C15.



This preview shows how white text looks on a background with the Hex color 564C15.

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
564C15

Protanopia
554C15

Deuteranopia
5F4817



Tritanopia
5A474C

Trichromacy



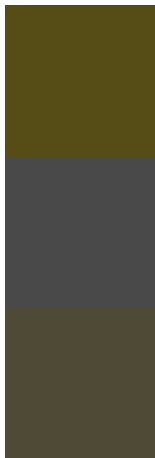
Original Color
564C15

Protanomaly
554C15

Deuteranomaly
5C4916

Tritanomaly
594938

Monochromacy



Original Color
564C15

Achromatopsia
494949

Achromatomaly
4E4A36

CSS Examples

Text

The CSS property to change the color of the text to Hex 564C15 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 #564C15 looks like.

```
.text, #text, p{  
    color:#564C15  
}
```

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 #564C15 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564C15
}
```

Border

The CSS property to change the border of an element to Hex 564C15 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
#564C15 }
```

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

```
.border{ border-color:#564C15 }
```

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

Here you see how a box with a 4 pixel #564C15 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564C15; -webkit-box-shadow:4px 4px  
4px 4px #564C15; box-shadow:4px 4px 4px  
4px #564C15 }
```

Background

The CSS property to change the background color of an element to Hex 564C15 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564C15 }
```

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

```
.background{ background-color:#564C15 }
```

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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