

Converting Colors

Hex(564034)

Have a look what the booklet for
Hex(564034) contains.

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Color

Hex(564034)

Conversions

Conversions Part 1

| Format | Color |
|---------------|--------------------------|
| Hex | 564034 |
| RGB | 86, 64, 52 |
| RGB Percent | 34%, 25%, 20% |
| CMY | 0.6627, 0.7490, 0.7961 |
| CMYK | 0.00, 0.26, 0.40, 0.66 |
| HSL | 21°, 25%, 27% |
| HSV | 21°, 40%, 34% |
| XYZ | 6.2910, 5.8932, 4.0547 |
| YIQ | 69.2100, 16.9640, 0.9320 |

Conversions

Conversions Part 2

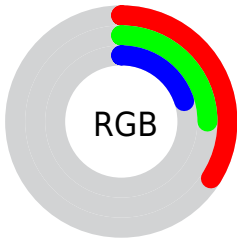
| Format | Color |
|-------------------------------------|---|
| RYB | 86, 71, 52 |
| Decimal | 5652532 |
| CIELab | 29.14, 7.68, 11.04 |
| CIElCh | 29, 13.450, 55.183 |
| Yxy | 5.8932, 0.3874, 0.3629 |
| Android (android.graphics.Color) | 4283842612 (0xFF564034) |
| YUV | 69.2100, -8.4845, 14.7248 |
| Hunter-Lab | 24.2758, 3.7748, 7.0900 |




Details

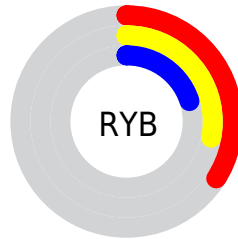
The Hex color **564034** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **344A56**, and the grayscale version is **454545**.




A 20% lighter version of the original color is **897063**, and **281507** is the 20% darker color. If you saturate the color by 10%, you get **563A2B**, and if you desaturate by 10%, it is **56463D**.

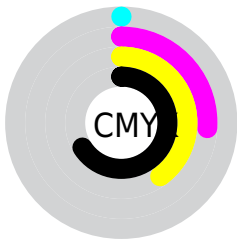
Distribution







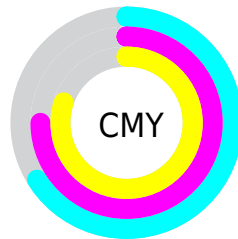
-  Red (34%)
-  Green (25%)
-  Blue (20%)






-  Red (34%)
-  Yellow (28%)
-  Blue (20%)



-  Cyan (0%)
-  Magenta (26%)
-  Yellow (40%)
-  Black (66%)



-  Cyan (66%)
-  Magenta (75%)
-  Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 564034 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 564034 by changing the saturation by 10% instead.



564034



564034

FFFFFF



3E2A1F



897063



281507



A3897B



0A0000



BFA395



000000



DBBFB0



F7DACB



FFF7E7



564034



564034



563A2B



56463D

■ 563523

■ 564B45

■ 562F1A

■ 56514E

■ 562A12

■ 565656

■ 562409

■ 565C5F

■ 561F00

■ 566168

■ 561E00

■ 566770

■ 566D79

■ 567281

Harmonies

Analogous

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



5A3E3C



564034



4E4330

Triad

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



564034



2C4A43



444357

Complementary

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



564034



344A56

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.



364659



564034



264A4D

Square

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



564034



374939



294955



503F51

Rectangle

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



564034



474631



294955



3F4459

Sweetspot

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



564034



706763



56344A



383330



B8B8B8



383838

Same Dimension

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



564034



704E3B



565134



2B2927



6B2600



EB5300

Inverse Universe

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



344A56



3B5E70



343956



272A2B



00456B



0098EB

Previews

White Background



This preview shows how the Hex color 564034 looks on a white background.

Color Contrast Check

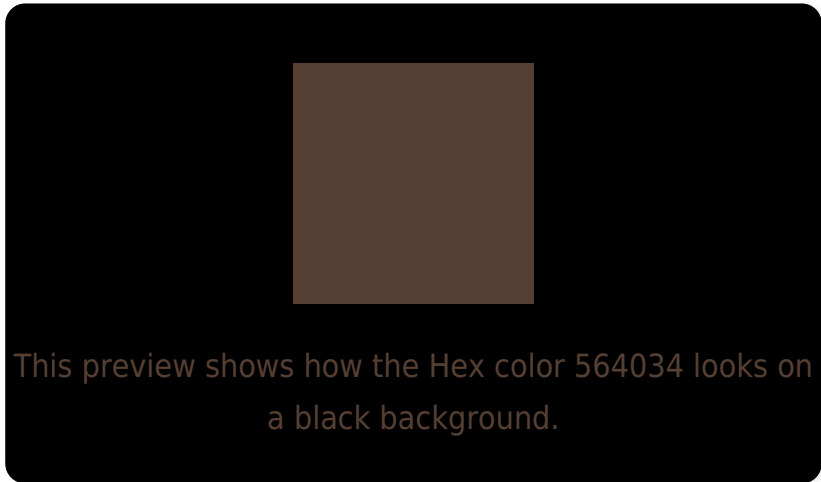
Large Text (above 18pt) WCAG AA ✓ Pass

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

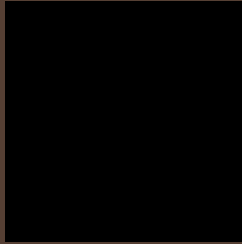
Any Text WCAG AA × Fail

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 564034 Background



This preview shows how black text looks on a background with the Hex color 564034.

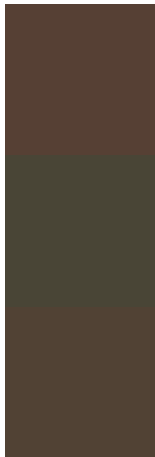


This preview shows how white text looks on a background with the Hex color 564034.

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](#).

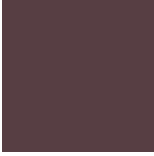
Dichromacy



Original Color
564034

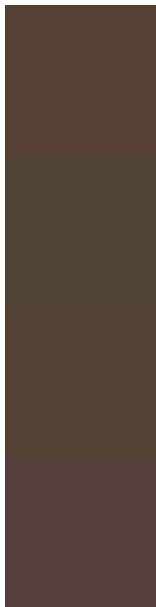
Protanopia
494536

Deuteranopia
514234



Tritanopia
573E43

Trichromacy



Original Color

564034

Protanomaly

4E4335

Deuteranomaly

534134

Tritanomaly

573F3E

Monochromacy



Original Color

564034

Achromatopsia

454545

Achromatomaly

4B433F

CSS Examples

Text

The CSS property to change the color of the text to Hex 564034 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 #564034 looks like.

```
.text, #text, p{  
    color:#564034  
}
```

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 #564034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #564034
}
```

Border

The CSS property to change the border of an element to Hex 564034 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".

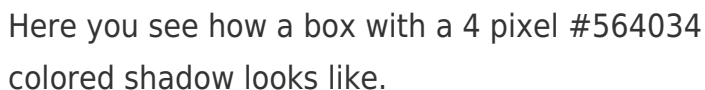
```
.border, #border, table{ border:4px solid
#564034 }
```

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

```
.border{ border-color:#564034 }
```

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

Here you see how a box with a 4 pixel #564034 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #564034; -webkit-box-shadow:4px 4px  
4px 4px #564034; box-shadow:4px 4px 4px  
4px #564034 }
```

Background

The CSS property to change the background color of an element to Hex 564034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#564034 }
```

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

```
.background{ background-color:#564034 }
```

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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