

Converting Colors

Hex(535120)

Have a look what the booklet for
Hex(535120) contains.

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Color

Hex(535120)

Conversions

Conversions Part 1

Format	Color
Hex	535120
RGB	83, 81, 32
RGB Percent	33%, 32%, 13%
CMY	0.6745, 0.6824, 0.8745
CMYK	0.00, 0.02, 0.61, 0.67
HSL	58°, 44%, 23%
HSV	58°, 61%, 33%
XYZ	6.7704, 7.8281, 2.5206
YIQ	76.0120, 16.9210, -14.8150

Conversions

Conversions Part 2

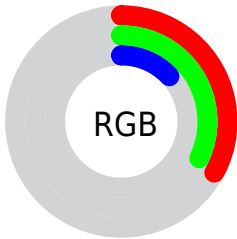
Format	Color
R_{YB}	34, 83, 32
Decimal	5460256
CIE Lab	33.62, -6.62, 28.56
CIE LCh	34, 29.313, 103.058
Yxy	7.8281, 0.3955, 0.4573
Android (android.graphics.Color)	4283650336 (0xFF535120)
YUV	76.0120, -21.6979, 6.1285
Hunter-Lab	27.9788, -5.7688, 14.2437

Details

The Hex color **535120** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **202253**, and the grayscale version is **4C4C4C**.

A 20% lighter version of the original color is **86824E**, and **252500** is the 20% darker color. If you saturate the color by 10%, you get **535118**, and if you desaturate by 10%, it is **535128**.

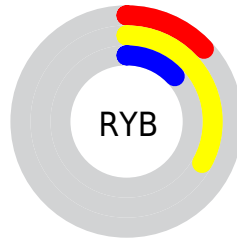
Distribution



 Red (33%)

 Green (32%)

 Blue (13%)



 Red (13%)

 Yellow (33%)

 Blue (13%)

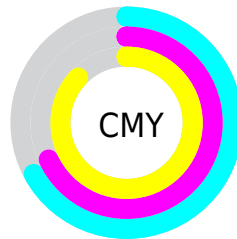


 Cyan (0%)

 Magenta (2%)

 Yellow (61%)

 Black (67%)



 Cyan (67%)

 Magenta (68%)

 Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the Hex color 535120 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 535120 by changing the saturation by 10% instead.

 535120

 535120

FFFFFF

 3B3A09

 86824E

 252500

 A19C67

 031100

 BCB780

 000000

 D8D39A

 F5EFB5

 FFFFD1

 FFFFEE

 535120

 535120

■ 535118

■ 535128

■ 53500F

■ 535231

■ 535007

■ 535239

■ 535000

■ 535241

■ 53534A

■ 535352

■ 53535A

■ 535462

■ 53546B

Harmonies

Analogous

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



684922



535120



39572C

Triad

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



535120



00596E



733D5D

Complementary

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



535120



202253

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.



5E4571



535120



00557B

Square

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



535120



005B59



3B4E7C



7B3C46

Rectangle

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



535120



235939



3B4E7C



6E3F65

Sweetspot

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



535120



6B6A58



532023



36352A



B5B5B5



363636

Same Dimension

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



535120



6B681C



3C5320



292925



696400



E8DF00

Inverse Universe

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



202253



1C1F6B



372053



252529



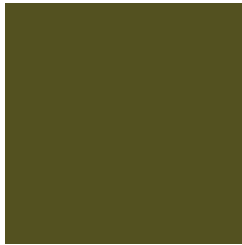
000469



0009E8

Previews

White Background



This preview shows how the Hex color 535120 looks on a white background.

Color Contrast Check

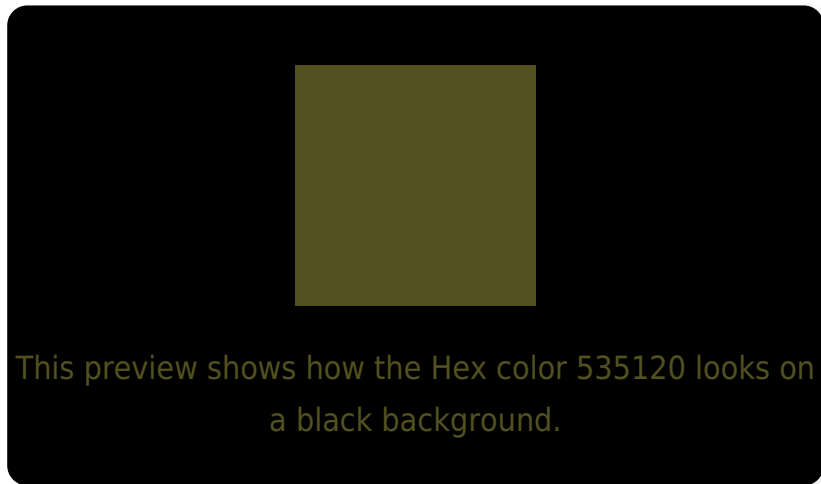
Large Text (above 18pt) WCAG AA ✓ Pass

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

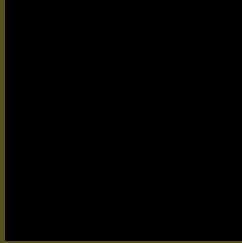
Any Text WCAG AA × Fail

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 535120 Background



This preview shows how black text looks on a background with the Hex color 535120.



This preview shows how white text looks on a background with the Hex color 535120.

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
535120

Protanopia
584F1F

Deuteranopia
624B22



Tritanopia
584C52

Trichromacy



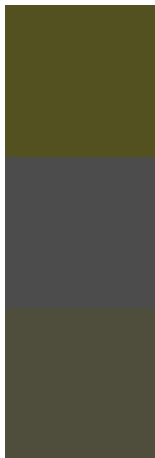
Original Color
535120

Protanomaly
56501F

Deuteranomaly
5D4D21

Tritanomaly
564E40

Monochromacy



Original Color
535120

Achromatopsia
4C4C4C

Achromatomaly
4F4E3C

CSS Examples

Text

The CSS property to change the color of the text to Hex 535120 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 #535120 looks like.

```
.text, #text, p{  
    color:#535120  
}
```

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 #535120 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #535120
}
```

Border

The CSS property to change the border of an element to Hex 535120 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
#535120 }
```

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

```
.border{ border-color:#535120 }
```

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

Here you see how a box with a 4 pixel #535120 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #535120; -webkit-box-shadow:4px 4px  
4px 4px #535120; box-shadow:4px 4px 4px  
4px #535120 }
```

Background

The CSS property to change the background color of an element to Hex 535120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#535120 }
```

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

```
.background{ background-color:#535120 }
```

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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