

Converting Colors

Hex(557015)

Have a look what the booklet for
Hex(557015) contains.

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Color

Hex(557015)

Conversions

Conversions Part 1

Format	Color
Hex	557015
RGB	85, 112, 21
RGB Percent	33%, 44%, 8%
CMY	0.6667, 0.5608, 0.9176
CMYK	0.24, 0.00, 0.81, 0.56
HSL	78°, 68%, 26%
HSV	78°, 81%, 44%
XYZ	9.6758, 13.5738, 2.8195
YIQ	93.5530, 13.1190, -34.0250

Conversions

Conversions Part 2

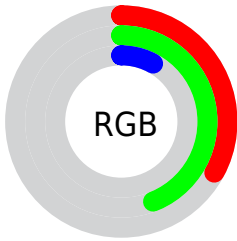
Format	Color
R_{YB}	21, 112, 48
Decimal	5599253
CIE _{Lab}	43.62, -23.50, 43.62
CIE _{LCh}	44, 49.543, 118.315
Yxy	13.5738, 0.3712, 0.5207
Android (android.graphics.Color)	4283789333 (0xFF557015)
YUV	93.5530, -35.7686, -7.5010
Hunter-Lab	36.8426, -17.5958, 21.2525

Details

The Hex color **557015** is a dark color, and the websafe version is hex **336600**. A complement of this color would be **301570**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8AA449**, and **244000** is the 20% darker color. If you saturate the color by 10%, you get **52700A**, and if you desaturate by 10%, it is **587020**.

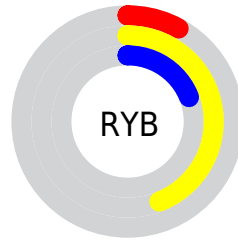
Distribution



Red (33%)

Green (44%)

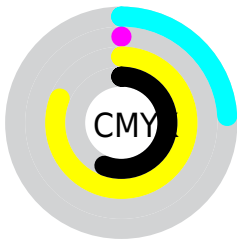
Blue (8%)



Red (8%)

Yellow (44%)

Blue (19%)

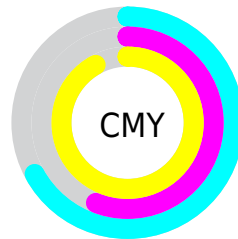


Cyan (24%)

Magenta (0%)

Yellow (81%)

Black (56%)



Cyan (67%)

Magenta (56%)

Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the Hex color 557015 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 557015 by changing the saturation by 10% instead.



557015



557015

FFFFFF



3C5700



8AA449



244000



A5BF62



072A00



C1DB7C



001500



DDF797



000000



FAFFB2



FFFFCE



FFFFEB



557015



557015

■ 52700A

■ 587020

■ 4F7000

■ 5C702B

■ 5F7037

■ 627042

■ 66704D

■ 697058

■ 6C7063

■ 70706F

■ 73707A

Harmonies

Analogous

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



7D6404



557015



0F7739

Triad

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



557015



0076AD



AE3E6B

Complementary

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



557015



301570

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.



964B93



557015



006DB9

Square

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



557015



007A8D



625DB0



AF4443

Rectangle

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



557015



007955



625DB0



A94179

Sweetspot

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



557015



87916E



702F15



444A35



C9C9C9



4A4A4A

Same Dimension

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



557015



679103



297015



363832



547800



AEF700

Inverse Universe

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



301570



2D0391



5C1570



343238



240078



4900F7

Previews

White Background



This preview shows how the Hex color 557015 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

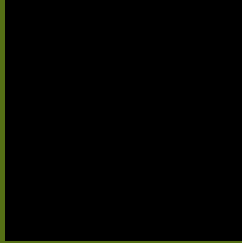
Any Text WCAG AA × Fail

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 557015 Background



This preview shows how black text looks on a background with the Hex color 557015.



This preview shows how white text looks on a background with the Hex color 557015.

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](#).

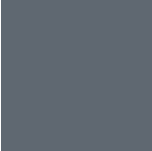
Dichromacy



Original Color
557015

Protanopia
746713

Deuteranopia
81621D



Tritanopia
5F6871

Trichromacy



Original Color
557015

Protanomaly
696A14

Deuteranomaly
71671A

Tritanomaly
5B6B50

Monochromacy



Original Color
557015

Achromatopsia
5E5E5E

Achromatomaly
5B6543

CSS Examples

Text

The CSS property to change the color of the text to Hex 557015 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 #557015 looks like.

```
.text, #text, p{  
    color:#557015  
}
```

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 #557015 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #557015
}
```

Border

The CSS property to change the border of an element to Hex 557015 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
#557015 }
```

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

```
.border{ border-color:#557015 }
```

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

Here you see how a box with a 4 pixel #557015 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #557015; -webkit-box-shadow:4px 4px  
4px 4px #557015; box-shadow:4px 4px 4px  
4px #557015 }
```

Background

The CSS property to change the background color of an element to Hex 557015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#557015 }
```

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

```
.background{ background-color:#557015 }
```

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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