

Converting Colors

Hex(A55D18)

Have a look what the booklet for
Hex(A55D18) contains.

Hex(A55D18)	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(A55D18)

Conversions

Conversions Part 1

Format	Color
Hex	A55D18
RGB	165, 93, 24
RGB Percent	65%, 36%, 9%
CMY	0.3529, 0.6353, 0.9059
CMYK	0.00, 0.44, 0.85, 0.35
HSL	29°, 75%, 37%
HSV	29°, 85%, 65%
XYZ	19.5963, 15.8940, 2.8992
YIQ	106.6620, 65.0610, -6.1950

Conversions

Conversions Part 2

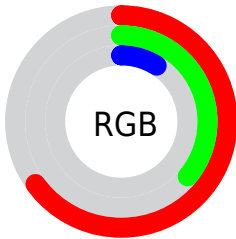
Format	Color
R_{YB}	165, 159, 24
Decimal	10837272
CIE _{Lab}	46.84, 24.54, 48.61
CIE _{LCh}	47, 54.457, 63.216
Yxy	15.8940, 0.5105, 0.4140
Android (android.graphics.Color)	4289027352 (0xFFA55D18)
YUV	106.6620, -40.7524, 51.1624
Hunter-Lab	39.8673, 17.9718, 23.5955

Details

The Hex color **A55D18** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **1860A5**, and the grayscale version is **6B6B6B**.

A 20% lighter version of the original color is **E1904B**, and **6B2E00** is the 20% darker color. If you saturate the color by 10%, you get **A55507**, and if you desaturate by 10%, it is **A56528**.

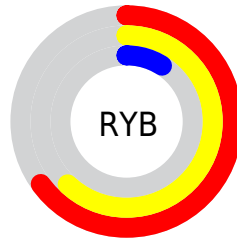
Distribution



Red (65%)

Green (36%)

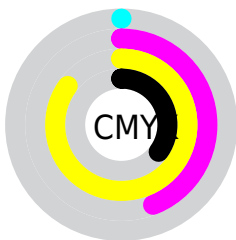
Blue (9%)



Red (65%)

Yellow (62%)

Blue (9%)

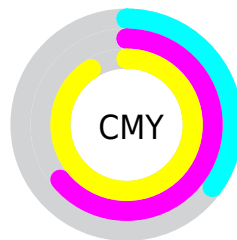


Cyan (0%)

Magenta (44%)

Yellow (85%)

Black (35%)



Cyan (35%)

Magenta (64%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the Hex color A55D18 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 A55D18 by changing the saturation by 10% instead.

 A55D18

 A55D18

FFFFFF

 884500

 E1904B

 6B2E00

 FFAB64

 4F1700

 FFC67E

 340200

 FFE298

 170000

 FFFFB4

 000000

 FFFF00

 FFFFEC

 A55D18

 A55D18

■ A55507

■ A56528

■ A55100

■ A56E39

■ A57649

■ A57F5A

■ A5876A

■ A5907B

■ A5988B

■ A5A09C

■ A5A9AC

Harmonies

Analogous

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



BC4940



A55D18



816F00

Triad

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



A55D18



008473



7561BC

Complementary

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



A55D18



1860A5

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.



0073CB



A55D18



0083A0

Square

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



A55D18



008143



007EC0



AA4B99

Rectangle

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



A55D18



637709



007EC0



5A67C4

Sweetspot

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



A55D18



D6BA9F



A51861



6B5A4A



EBEBEB



6B6B6B

Same Dimension

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



A55D18



D66900



A5A318



524D49



914700



120900

Inverse Universe

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



1860A5



006DD6



181AA5



494E52



004A91



000912

Previews

White Background



This preview shows how the Hex color A55D18 looks on a white background.

Color Contrast Check

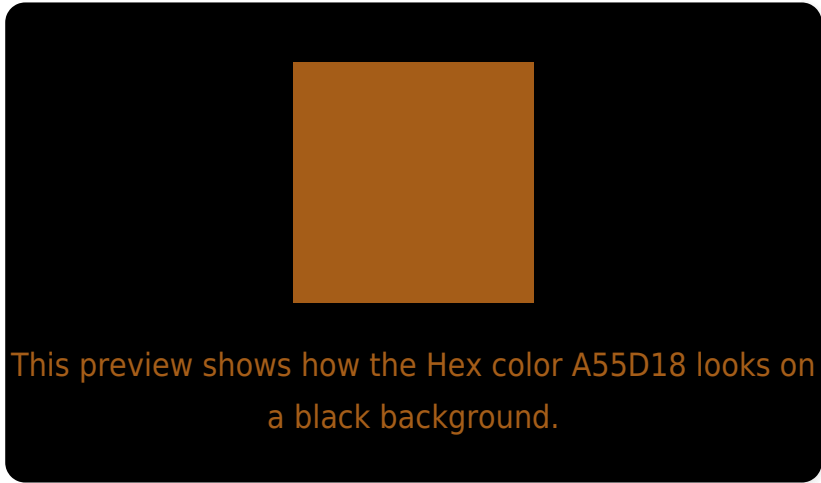
Large Text (above 18pt) WCAG AA ✓ Pass

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

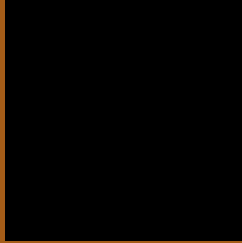
Any Text WCAG AA × Fail

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 A55D18 Background



This preview shows how black text looks on a background with the Hex color A55D18.



This preview shows how white text looks on a background with the Hex color A55D18.

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
A55D18

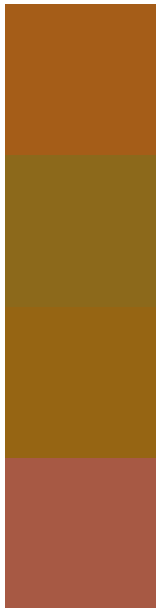
Protanopia
7D701D

Deuteranopia
8D6A10



Tritanopia
A8575D

Trichromacy



Original Color
A55D18

Protanomaly
8C691B

Deuteranomaly
966513

Tritanomaly
A75944

Monochromacy



Original Color
A55D18

Achromatopsia
6B6B6B

Achromatomaly
80664D

CSS Examples

Text

The CSS property to change the color of the text to Hex A55D18 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 #A55D18 looks like.

```
.text, #text, p{  
    color:#A55D18  
}
```

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 #A55D18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #A55D18
}
```

Border

The CSS property to change the border of an element to Hex A55D18 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
#A55D18 }
```

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

```
.border{ border-color:#A55D18 }
```

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

Here you see how a box with a 4 pixel #A55D18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #A55D18; -webkit-box-shadow:4px 4px  
4px 4px #A55D18; box-shadow:4px 4px 4px  
4px #A55D18 }
```

Background

The CSS property to change the background color of an element to Hex A55D18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#A55D18 }
```

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

```
.background{ background-color:#A55D18 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor