

Converting Colors

HunterLab(53.6008, -7.6748,
32.2623)

Have a look what the booklet for
HunterLab(53.6008, -7.6748,
32.2623) contains.

HunterLab(53.6690, -7.9360, 32.2995)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(53.6690, -7.9360,
32.2995)**

Conversions

Conversions Part 1

Format	Color
Hex	A49312
RGB	164, 147, 18
RGB Percent	64%, 58%, 7%
CMY	0.3569, 0.4235, 0.9294
CMYK	0.00, 0.10, 0.89, 0.36
HSL	53°, 80%, 36%
HSV	53°, 89%, 64%
XYZ	25.8527, 28.8036, 4.7693
YIQ	137.3770, 51.5410, -36.5150

Conversions

Conversions Part 2

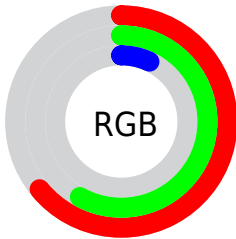
Format	Color
R_{YB}	37, 164, 18
Decimal	10785554
CIE Lab	60.61, -6.25, 61.58
CIE LCh	61, 61.897, 95.793
Yxy	28.8050, 0.4350, 0.4847
Android (android.graphics.Color)	4288975634 (0xFFA49312)
YUV	137.3770, -58.8529, 23.3484
Hunter-Lab	53.6690, -7.9360, 32.2995

Details

The HunterLab color **53.6690, -7.9360, 32.2995** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **20.0279, 32.2542, -91.0676**, and the grayscale version is **50.3790, -2.6881, 2.7372**.

A 20% lighter version of the original color is **76.0706, -10.1149, 40.9319**, and **34.2601, -5.4621, 21.0153** is the 20% darker color. If you saturate the color by 10%, you get **53.0810, -7.2802, 32.5293**, and if you desaturate by 10%, it is **54.2935, -8.4221, 31.6215**.

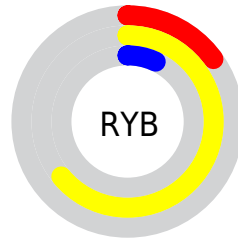
Distribution



Red (64%)

Green (58%)

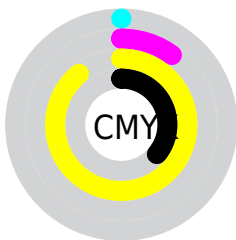
Blue (7%)



Red (15%)

Yellow (64%)

Blue (7%)

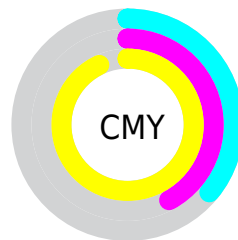


Cyan (0%)

Magenta (10%)

Yellow (89%)

Black (36%)



Cyan (36%)

Magenta (42%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.6690, -7.9360, 32.2995 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 HunterLab color 53.6690, -7.9360, 32.2995 by changing the saturation by 10% instead.

■ 53.6690, -7.9360,
32.2995

■ 53.6690, -7.9360,
32.2995

172.1319,
-16.7500, 66.6099

■ 43.5125, -7.0395,
27.6565

■ 76.0047, -9.7772,
40.9173

■ 34.0912, -6.1512,
22.8383

■ 88.1058, -10.7206,
44.9494

■ 25.4695, -5.2679,
17.8286

■ 100.7887,
-11.6812, 48.8313

■ 17.7295, -4.3804,
12.4107

■ 114.0278,
-12.6593, 52.5839

■ 10.9865, -3.4701,
7.6905

■ 127.8005,
-13.6551, 56.2245

■ 2.5968, -4.5445,
1.8178

■ 142.0871,

0.0000, NaN, NaN

-14.6689, 59.7678

0.0000, NaN, NaN

156.8696,
-15.7005, 63.2261

0.0000, NaN, NaN

53.6690, -7.9360,
32.2995

53.6690, -7.9360,
32.2995

53.0810, -7.2802,
32.5293

54.2935, -8.4221,
31.6215

53.0238, -7.2137,
32.5467

54.9600, -8.6800,
30.3594

55.6731, -8.6913,
28.4635

56.4356, -8.4417,
25.9004

57.2492, -7.9218,
22.6498

■ 58.1150, -7.1264,
18.7016

■ 59.0340, -6.0533,
14.0542

■ 60.0063, -4.7034,
8.7133

■ 61.0319, -3.0800,
2.6905

Harmonies

Analogous

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



53.6703, 19.7838, 31.0649



53.6690, -7.9360, 32.2995



53.6703, -29.6512, 29.3160

Triad

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



53.6703, -7.9381, 32.2999



53.6703, -38.4054, -34.0885



53.6703, 52.2754, -21.1342

Complementary

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



53.6690, -7.9360, 32.2995



20.0279, 32.2542, -91.0676

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.



53.6703, 30.4844, -53.5094



53.6690, -7.9360, 32.2995



53.6703, -22.2896, -63.1992

Square

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



53.6703, -7.9381, 32.2999



53.6703, -44.9000, -2.2317



53.6703, 2.4006, -71.6442



53.6703, 58.1675, 7.6094

Rectangle

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



53.6690, -7.9360, 32.2995



53.6703, -38.9882, 23.7243



53.6703, 2.4006, -71.6442



53.6703, 46.3845, -32.3096

Sweetspot

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



53.6703, -7.9381, 32.2999



78.4803, -9.4067, 24.3099



29.0635, 46.3630, 15.4704



36.5147, -4.5865, 12.2335



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



53.6703, -7.9381, 32.2999



71.2990, -9.4988, 43.7678



54.5755, -31.4887, 32.4559



28.4532, -2.2482, 4.1987



46.4783, -6.3927, 28.5278



7.0073, -1.3451, 4.2943

Inverse Universe

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



20.0279, 32.2542, -91.0676



23.5749, 53.4604, -144.8722



21.3725, 43.9368, -83.4932



26.4322, -0.5795, -1.4501



15.6639, 33.4076, -91.6960



2.9714, 2.6403, -9.4137

Previews

White Background



This preview shows how the HunterLab color 53.6690, -7.9360, 32.2995 looks on a white background.

Color Contrast Check

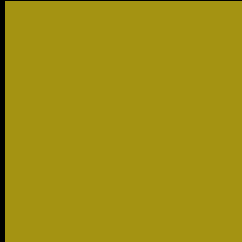
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 53.6690, -7.9360, 32.2995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

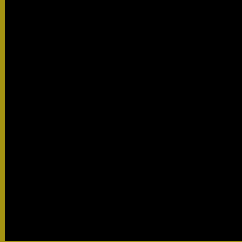
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 53.6690, -7.9360, 32.2995 Background



This preview shows how black text looks on a background with the HunterLab color 53.6690, -7.9360, 32.2995.



This preview shows how white text looks on a background with the HunterLab color 53.6690, -7.9360,

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

53.6690, -7.9360, 32.2995

Protanopia

53.7684, -7.5811, 32.3681

Deuteranopia

53.7119, 3.7608, 32.1477



Tritanopia

53.7421, 10.3956, 2.8443

Trichromacy



Original Color

53.6690, -7.9360, 32.2995

Protanomaly

53.7684, -7.5811, 32.3681

Deuteranomaly

53.6200, -0.7923, 32.1872

Tritanomaly

53.4003, 1.4906, 19.5447

Monochromacy



Original Color

53.6690, -7.9360, 32.2995

Achromatopsia

50.0158, -2.6687, 2.7175

Achromatomaly

51.0499, -6.8955, 19.0370

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.6690, -7.9360, 32.2995 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 `rgb(164, 147, 18)` looks like.

```
.text, #text, p{  
    color:rgb(164, 147, 18)  
}
```

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 rgb(164, 147, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 147, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 53.6690, -7.9360, 32.2995 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 rgb(164, 147, 18) }
```


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

```
.border{ border-color:rgb(164, 147, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 147, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 147, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 147, 18);  
box-shadow:4px 4px 4px 4px rgb(164, 147,  
18) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.6690, -7.9360, 32.2995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 147, 18) }
```

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

```
.background{ background-color: rgb(164,  
147, 18) }
```

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