

Converting Colors

HunterLab(53.2263, -5.3003,
31.0744)

Have a look what the booklet for
HunterLab(53.2263, -5.3003,
31.0744) contains.

HunterLab(53.1712, -5.1475, 31.0693)	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(53.1712, -5.1475,
31.0693)**

Conversions

Conversions Part 1

Format	Color
Hex	A79021
RGB	167, 144, 33
RGB Percent	65%, 56%, 13%
CMY	0.3451, 0.4353, 0.8706
CMYK	0.00, 0.14, 0.80, 0.35
HSL	50°, 67%, 39%
HSV	50°, 80%, 65%
XYZ	26.1841, 28.2718, 5.5158
YIQ	138.2230, 49.3390, -29.6450

Conversions

Conversions Part 2

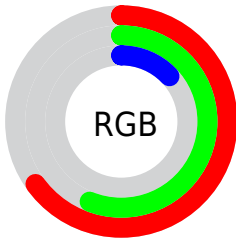
Format	Color
R_{YB}	61, 167, 33
Decimal	10981409
CIE _{Lab}	60.13, -2.82, 57.26
CIE _{LCh}	60, 57.331, 92.824
Yxy	28.2731, 0.4366, 0.4714
Android (android.graphics.Color)	4289171489 (0xFFA79021)
YUV	138.2230, -51.8749, 25.2374
Hunter-Lab	53.1712, -5.1475, 31.0693

Details

The HunterLab color **53.1712, -5.1475, 31.0693** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **24.3756, 23.3694, -73.4947**, and the grayscale version is **50.6894, -2.7047, 2.7541**.

A 20% lighter version of the original color is **75.2626, -6.5338, 38.9890**, and **33.7415, -3.1923, 20.7355** is the 20% darker color. If you saturate the color by 10%, you get **52.2919, -4.2016, 31.5790**, and if you desaturate by 10%, it is **54.1020, -5.8636, 29.9643**.

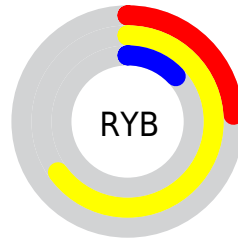
Distribution



Red (65%)

Green (56%)

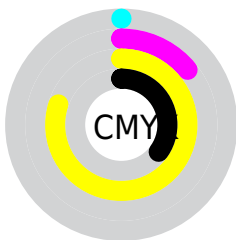
Blue (13%)



Red (24%)

Yellow (65%)

Blue (13%)

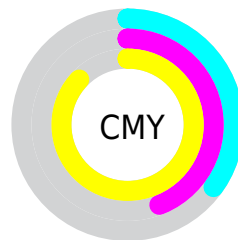


Cyan (0%)

Magenta (14%)

Yellow (80%)

Black (35%)



Cyan (35%)

Magenta (44%)

Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 53.1712, -5.1475, 31.0693 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 53.1712, -5.1475, 31.0693 by changing the saturation by 10% instead.

■ 53.1712, -5.1475,
31.0693

■ 53.1712, -5.1475,
31.0693

171.3971,
-12.5824, 63.3067

■ 43.0484, -4.4491,
26.7054

■ 75.4455, -6.6297,
39.1547

■ 33.6636, -3.7752,
22.0948

■ 87.5183, -7.4081,
42.9372

■ 25.0816, -3.1275,
17.5571

■ 100.1742, -8.2115,
46.5804

■ 17.3860, -2.5046,
12.1702

■ 113.3874, -9.0392,
50.1047

■ 10.6940, -1.9022,
7.4858

■ 127.1353, -9.8907,
53.5267

■ 1.2211, -2.1369,
0.8548

■ 141.3979,

0.0000, NaN, NaN

-10.7654, 56.8603

0.0000, NaN, NaN

156.1572,
-11.6628, 60.1170

0.0000, NaN, NaN

■ 53.1712, -5.1475,
31.0693

■ 53.1712, -5.1475,
31.0693

■ 52.2919, -4.2016,
31.5790

■ 54.1020, -5.8636,
29.9643

■ 51.4687, -3.1116,
31.6603

■ 55.0837, -6.3234,
28.2162

■ 56.1195, -6.5162,
25.7982

■ 57.2106, -6.4346,
22.6968

■ 58.3575, -6.0754,
18.9095

■ 59.5602, -5.4388,
14.4421

■ 60.8184, -4.5280,
9.3071

■ 62.1315, -3.3480,
3.5221

■ 63.4985, -1.9060,
-2.8916

Harmonies

Analogous

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



53.1725, 20.5228, 29.3733



53.1712, -5.1475, 31.0693



53.1725, -26.1187, 28.5152

Triad

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



53.1725, -5.1497, 31.0697



53.1725, -37.0241, -27.7135



53.1725, 46.0970, -22.0175

Complementary

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



53.1712, -5.1475, 31.0693



24.3756, 23.3694, -73.4947

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.



53.1725, 25.2928, -50.4701



53.1712, -5.1475, 31.0693



53.1725, -22.7568, -54.6771

Square

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



53.1725, -5.1497, 31.0697



53.1725, -42.3024, 0.6301



53.1725, -0.4902, -64.4733



53.1725, 53.1024, 5.0631

Rectangle

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



53.1712, -5.1475, 31.0693



53.1725, -35.5118, 23.5304



53.1725, -0.4902, -64.4733



53.1725, 40.3199, -32.0869

Sweetspot

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



53.1725, -5.1497, 31.0697



79.0225, -7.6812, 21.9470



30.9912, 45.0227, 12.3358



37.1215, -3.7666, 11.3406



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

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



53.1725, -5.1497, 31.0697



69.1353, -4.4899, 42.3088



56.6344, -28.2337, 32.8969



29.2429, -2.1247, 4.2169



45.0926, -2.8368, 27.7362



7.4211, -1.0666, 4.5542

Inverse Universe

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



24.3756, 23.3694, -73.4947



26.2344, 46.0485, -131.0034



23.2196, 39.7375, -78.3480



27.3879, -0.7943, -1.3618



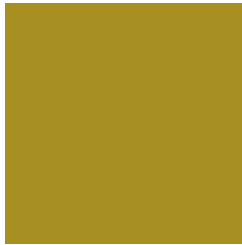
16.8719, 30.7066, -87.3752



3.5769, 2.1172, -9.0412

Previews

White Background



This preview shows how the HunterLab color 53.1712, -5.1475, 31.0693 looks on a white background.

Color Contrast Check

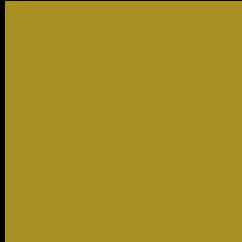
Large Text (above 18pt) WCAG AA ✓ Pass

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 53.1712, -5.1475, 31.0693 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 53.1712, -5.1475, 31.0693 Background



This preview shows how black text looks on a background with the HunterLab color 53.1712, -5.1475, 31.0693.

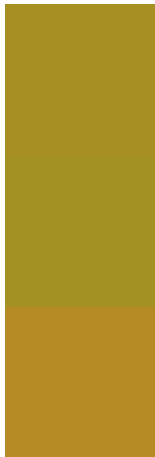


This preview shows how white text looks on a background with the HunterLab color 53.1712, -5.1475,

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

53.1712, -5.1475, 31.0693

Protanopia

53.0539, -7.0354, 30.9604

Deuteranopia

53.1502, 3.3679, 30.9480



Tritanopia

53.1117, 12.2998, 3.0382

Trichromacy



Original Color

53.1712, -5.1475, 31.0693

Protanomaly

53.1537, -6.6807, 31.0311

Deuteranomaly

53.1269, 0.4761, 30.9703

Tritanomaly

52.8650, 4.0563, 17.9578

Monochromacy



Original Color

53.1712, -5.1475, 31.0693

Achromatopsia

50.4135, -2.6899, 2.7391

Achromatomaly

51.0547, -5.1814, 17.3676

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 53.1712, -5.1475, 31.0693 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(167, 144, 33)` looks like.

```
.text, #text, p{  
    color:rgb(167, 144, 33)  
}
```

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(167, 144, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 144, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 53.1712, -5.1475, 31.0693 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(167, 144, 33) }
```


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

```
.border{ border-color:rgb(167, 144, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 144, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 144, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 144, 33);  
box-shadow:4px 4px 4px 4px rgb(167, 144,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 53.1712, -5.1475, 31.0693 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 144, 33) }
```

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

```
.background{ background-color: rgb(167,  
144, 33) }
```

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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