

Converting Colors

HunterLab(28.3345, 49.8432,
6.5509)

Have a look what the booklet for
HunterLab(28.3345, 49.8432,
6.5509) contains.

HunterLab(28.3345, 49.8432, 6.5509)	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(28.3345, 49.8432,
6.5509)**

Conversions

Conversions Part 1

Format	Color
Hex	A10145
RGB	161, 1, 69
RGB Percent	63%, 0%, 27%
CMY	0.3686, 0.9960, 0.7294
CMYK	0.00, 0.99, 0.57, 0.37
HSL	335°, 99%, 32%
HSV	335°, 99%, 63%
XYZ	15.7830, 8.0284, 6.3480
YIQ	56.5920, 73.5320, 55.0680

Conversions

Conversions Part 2

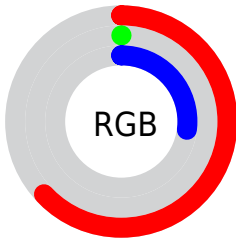
Format	Color
R_{YB}	161, 1, 69
Decimal	10551621
CIE _{Lab}	34.04, 59.12, 8.73
CIE _{LCh}	34, 59.762, 8.399
Yxy	8.0289, 0.5233, 0.2662
Android (android.graphics.Color)	4288741701 (0xFFA10145)
YUV	56.5920, 6.1171, 91.5658
Hunter-Lab	28.3345, 49.8432, 6.5509

Details

The HunterLab color **28.3345, 49.8432, 6.5509** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **51.2708, -38.4257, 18.9382**, and the grayscale version is **20.0547, -1.0701, 1.0896**.

A 20% lighter version of the original color is **46.8660, 53.8934, 8.5311**, and **17.0409, 29.6474, 7.4118** is the 20% darker color. If you saturate the color by 10%, you get **28.2833, 49.9294, 6.6993**, and if you desaturate by 10%, it is **29.2157, 48.3677, 4.1230**.

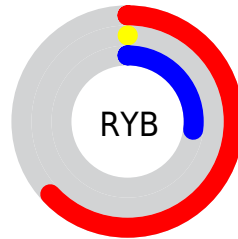
Distribution



Red (63%)

Green (0%)

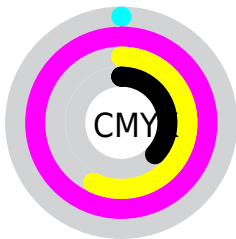
Blue (27%)



Red (63%)

Yellow (0%)

Blue (27%)

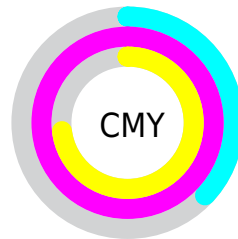


Cyan (0%)

Magenta (99%)

Yellow (57%)

Black (37%)



Cyan (37%)

Magenta (100%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.3345, 49.8432, 6.5509 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 28.3345, 49.8432, 6.5509 by changing the saturation by 10% instead.

■ 28.3345, 49.8432,
6.5509

■ 28.3345, 49.8432,
6.5509

■ 132.6494, 65.7296,
16.1765

■ 20.2817, 47.7713,
5.4690

■ 46.9203, 54.0153,
8.6591

■ 13.1804, 46.0351,
4.3351

■ 57.3190, 55.9873,
9.7070

■ 6.6902, 50.8008,
4.6832

■ 68.3893, 57.8581,
10.7592

0.0000, INF, NaN

0.0000, NaN, NaN

■ 80.0928, 59.6256,
11.8192

0.0000, NaN, NaN

■ 92.3968, 61.2921,
12.8895

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.2734, 62.8618,

13.9718

0.0000, NaN, NaN

118.6981, 64.3393,
15.0672

28.3345, 49.8432,
6.5509

28.3345, 49.8432,
6.5509

28.2833, 49.9294,
6.6993

29.2157, 48.3677,
4.1230

30.6167, 45.4721,
1.9850

32.6492, 41.0385,
0.3985

35.2814, 35.4771,
-0.5695

38.4508, 29.2285,
-0.9425

■ 42.0849, 22.6470,
-0.7946

■ 46.1144, 15.9695,
-0.2150

■ 50.4784, 9.3329,
0.7121

■ 55.1262, 2.8052,
1.9157

Harmonies

Analogous

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



28.3354, 46.0300, -16.3223



28.3345, 49.8432, 6.5509



28.3354, 37.0931, 16.4512

Triad

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



28.3354, 49.8399, 6.5517



28.3354, -22.3063, 18.0999



28.3354, -14.7741, -61.4443

Complementary

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



28.3345, 49.8432, 6.5509



51.2708, -38.4257, 18.9382

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.



28.3354, -26.5210, -33.6815



28.3345, 49.8432, 6.5509



28.3354, -29.9163, 12.2707

Square

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



28.3354, 49.8399, 6.5517



28.3354, -7.1169, 19.8348



28.3354, -31.1979, -4.5904



28.3354, 4.5624, -67.7120

Rectangle

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



28.3345, 49.8432, 6.5509



28.3354, 22.6112, 18.6946



28.3354, -31.1979, -4.5904



28.3354, -19.5586, -53.6866

Sweetspot

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



28.3354, 49.8399, 6.5517



61.0410, 22.4426, -0.4073



22.0321, 49.1503, -76.3013



27.5735, 12.1616, -0.3519



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



28.3354, 49.8399, 6.5517



37.8003, 66.6356, 9.6864



27.9906, 45.5972, 17.9837



26.7088, 1.3308, 0.9331



25.2919, 44.6779, 5.7634



3.7918, 6.9320, -0.9478

Inverse Universe

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



28.3354, 49.8399, 6.5517



37.8003, 66.6356, 9.6864



49.4969, -23.8499, -10.3070



26.7088, 1.3308, 0.9331



25.2919, 44.6779, 5.7634



3.7918, 6.9320, -0.9478

Previews

White Background



This preview shows how the HunterLab color 28.3345, 49.8432, 6.5509 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

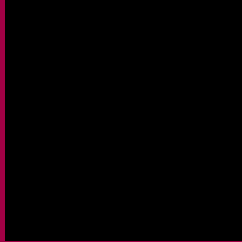
Any Text WCAG AA × Fail

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](#).

HunterLab 28.3345, 49.8432, 6.5509 Background



This preview shows how black text looks on a background with the HunterLab color 28.3345, 49.8432, 6.5509.



This preview shows how white text looks on a background with the HunterLab color 28.3345, 49.8432,

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

28.3345, 49.8432, 6.5509

Protanopia

29.3546, 0.5716, -6.2535

Deuteranopia

29.4649, 1.5969, 9.0135



Tritanopia

28.7760, 42.1373, 16.3329

Trichromacy



Original Color

28.3345, 49.8432, 6.5509

Protanomaly

25.5317, 20.9186, -5.8489

Deuteranomaly

26.1041, 22.8559, 5.1266

Tritanomaly

28.4137, 45.3346, 13.7312

Monochromacy



Original Color

28.3345, 49.8432, 6.5509

Achromatopsia

20.2275, -1.0793, 1.0990

Achromatomaly

20.2310, 19.5033, -0.1307

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.3345, 49.8432, 6.5509 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(161, 1, 69)` looks like.

```
.text, #text, p{  
    color:rgb(161, 1, 69)  
}
```

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(161, 1, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 1, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 28.3345, 49.8432, 6.5509 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(161, 1, 69) }
```


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

```
.border{ border-color:rgb(161, 1, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 1, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 1, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 1, 69);  
box-shadow:4px 4px 4px 4px rgb(161, 1, 69)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.3345, 49.8432, 6.5509 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 1, 69) }
```

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

```
.background{ background-color: rgb(161, 1,  
69) }
```

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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