

Converting Colors

HunterLab(33.4942, 12.8702,
-10.5058)

Have a look what the booklet for
HunterLab(33.4942, 12.8702,
-10.5058) contains.

HunterLab(33.4775, 12.7053, -10.6191)	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(33.4775, 12.7053,
-10.6191)**

Conversions

Conversions Part 1

Format	Color
Hex	715478
RGB	113, 84, 120
RGB Percent	44%, 33%, 47%
CMY	0.5569, 0.6706, 0.5294
CMYK	0.06, 0.30, 0.00, 0.53
HSL	288°, 18%, 40%
HSV	288°, 30%, 47%
XYZ	13.3705, 11.2074, 19.2279
YIQ	96.7750, 5.7280, 17.3440

Conversions

Conversions Part 2

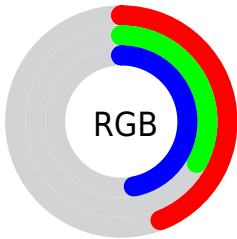
Format	Color
R_{YB}	113, 84, 120
Decimal	7427192
CIE _{Lab}	39.93, 18.97, -15.78
CIE _{LCh}	40, 24.676, 320.248
Yxy	11.2079, 0.3052, 0.2558
Android (android.graphics.Color)	4285617272 (0xFF715478)
YUV	96.7750, 11.4499, 14.2293
Hunter-Lab	33.4775, 12.7053, -10.6191

Details

The HunterLab color **33.4775, 12.7053, -10.6191** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **40.3702, -14.7965, 12.2977**, and the grayscale version is **34.4480, -1.8381, 1.8716**.

A 20% lighter version of the original color is **52.9416, 13.5204, -10.8509**, and **17.1206, 11.1676, -9.8991** is the 20% darker color. If you saturate the color by 10%, you get **30.5763, 17.8388, -15.3032**, and if you desaturate by 10%, it is **36.5922, 7.6112, -6.1106**.

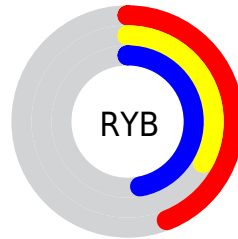
Distribution



Red (44%)

Green (33%)

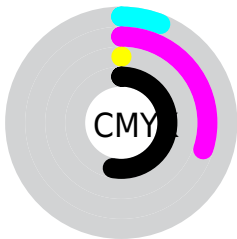
Blue (47%)



Red (44%)

Yellow (33%)

Blue (47%)

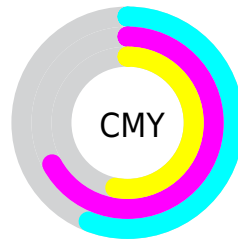


Cyan (6%)

Magenta (30%)

Yellow (0%)

Black (53%)



Cyan (56%)











Magenta (67%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.4775, 12.7053, -10.6191 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 33.4775, 12.7053, -10.6191 by changing the saturation by 10% instead.

 33.4775, 12.7053, -10.6191	 33.4775, 12.7053, -10.6191
141.0987, 14.7841, -10.5549	 24.9136, 12.0228, -10.3016
 52.9566, 13.7190, -11.0294	 17.2374, 11.1975, -9.9155
 63.7556, 14.0820, -11.1310	 10.5676, 10.2035, -9.4986
 75.2028, 14.3633, -11.1695	0.0000, INF, -NF
 87.2634, 14.5712, -11.1493	0.0000, NaN, NaN
 99.9075, 14.7121, -11.0745	0.0000, NaN, NaN
113.1094, 14.7917,	0.0000, NaN, NaN

-10.9485

0.0000, NaN, NaN

126.8465, 14.8144,
-10.7744

■ 33.4775, 12.7053,
-10.6191

■ 33.4775, 12.7053,
-10.6191

■ 30.5763, 17.8388,
-15.3032

■ 36.5922, 7.6112,
-6.1106

■ 27.9235, 22.9294,
-20.1223

■ 39.8875, 2.6003,
-1.7891

■ 25.5625, 27.8263,
-24.9762

■ 43.3392, -2.3133,
2.3554

■ 23.5397, 32.2958,
-29.6861

■ 46.9270, -7.1294,
6.3405

■ 21.8985, 36.0264,
-33.9862

■ 50.6345, -11.8549,
10.1862

■ 20.6682, 38.6857,
-37.5616

■ 54.4483, -16.5002,
13.9123

■ 19.6959, 40.6140,
-40.6436

■ 58.3574, -21.0763,
17.5371

■ 19.6957, 40.6144,
-40.6442

■ 62.3528, -25.5940,
21.0768

■ 66.4268, -30.0633,
24.5452

Harmonies

Analogous

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



33.4782, 4.4647, -17.7804



33.4775, 12.7053, -10.6191



33.4782, 17.1939, -1.1115

Triad

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



33.4782, 12.7044, -10.6183



33.4782, 1.2176, 14.3970



33.4782, -16.6307, -4.4435

Complementary

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



33.4775, 12.7053, -10.6191



40.3702, -14.7965, 12.2977

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.



33.4782, -17.3020, 4.5125



33.4775, 12.7053, -10.6191



33.4782, -7.6132, 13.9505

Square

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



33.4782, 12.7044, -10.6183



33.4782, 10.1111, 12.2334



33.4782, -14.1701, 10.7906



33.4782, -12.2272, -13.6081

Rectangle

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



33.4775, 12.7053, -10.6191



33.4782, 17.1621, 4.6419



33.4782, -14.1701, 10.7906



33.4782, -17.2807, -1.2661

Sweetspot

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



33.4782, 12.7044, -10.6183



53.2477, 2.9371, -1.9372



32.7991, 1.4047, -11.8862



25.6570, 1.8186, -1.2743



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



33.4782, 12.7044, -10.6183



41.7166, 21.5354, -18.3361



33.8270, 13.0298, -4.3862



20.0998, 1.0742, -0.7021



20.5576, 42.4016, -42.4992



44.5019, 92.0677, -94.1641

Inverse Universe

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



33.3010, 10.3595, 3.0785



41.4574, 17.7653, 4.5792



40.1754, -15.0826, 8.5839



20.0664, 0.7078, 1.2200



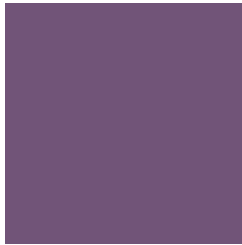
21.0319, 36.3372, 11.1140



45.8280, 78.9674, 25.8495

Previews

White Background



This preview shows how the HunterLab color 33.4775, 12.7053, -10.6191 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



This preview shows how the HunterLab color 33.4775, 12.7053, -10.6191 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

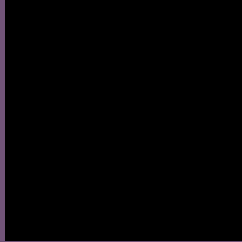
Any Text WCAG AA × Fail

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](#).

HunterLab 33.4775, 12.7053, -10.6191 Background



This preview shows how black text looks on a background with the HunterLab color 33.4775, 12.7053, -10.6191.



This preview shows how white text looks on a background with the HunterLab color 33.4775, 12.7053, -10.6191.

-10.6191.

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

33.4775, 12.7053, -10.6191

Protanopia

33.6040, 2.2339, -14.6805

Deuteranopia

33.4461, 2.3720, -9.7324



Tritanopia

33.5268, 5.1659, 1.1795

Trichromacy



Original Color

33.4775, 12.7053, -10.6191

Protanomaly

33.4671, 5.5081, -13.0634

Deuteranomaly

33.3606, 6.0818, -10.3547

Tritanomaly

33.3936, 7.7815, -3.0155

Monochromacy



Original Color

33.4775, 12.7053, -10.6191

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

33.9967, 3.3567, -2.3004

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.4775, 12.7053, -10.6191 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(113, 84, 120)` looks like.

```
.text, #text, p{  
    color:rgb(113, 84, 120)  
}
```

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(113, 84, 120) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 84, 120) }
```

Border

The CSS property to change the border of an element to HunterLab 33.4775, 12.7053, -10.6191 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(113, 84, 120) }
```


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

```
.border{ border-color:rgb(113, 84, 120) }
```

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

Here you see how a box with a 4 pixel rgb(113, 84, 120) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 84, 120); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 84, 120);  
box-shadow:4px 4px 4px 4px rgb(113, 84,  
120) }
```

Background

The CSS property to change the background color of an element to HunterLab 33.4775, 12.7053, -10.6191 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 84, 120) }
```

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

```
.background{ background-color: rgb(113, 84,  
120) }
```

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