

Converting Colors

HunterLab(28.9661, 22.5510,
-12.4370)

Have a look what the booklet for
HunterLab(28.9661, 22.5510,
-12.4370) contains.

HunterLab(28.9393, 22.9289, -12.5776)	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(28.9393, 22.9289,
-12.5776)**

Conversions

Conversions Part 1

Format	Color
Hex	753E6F
RGB	117, 62, 111
RGB Percent	46%, 24%, 44%
CMY	0.5412, 0.7569, 0.5647
CMYK	0.00, 0.47, 0.05, 0.54
HSL	307°, 31%, 35%
HSV	307°, 47%, 46%
XYZ	11.9280, 8.3748, 16.0267
YIQ	84.0310, 17.0510, 26.8990

Conversions

Conversions Part 2

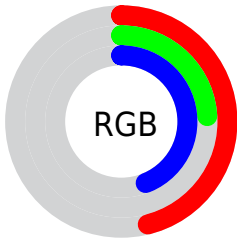
Format	Color
R_{YB}	117, 62, 111
Decimal	7683695
CIE _{Lab}	34.75, 31.57, -18.09
CIE _{LCh}	35, 36.389, 330.181
Yxy	8.3752, 0.3283, 0.2305
Android (android.graphics.Color)	4285873775 (0xFF753E6F)
YUV	84.0310, 13.2957, 28.9138
Hunter-Lab	28.9393, 22.9289, -12.5776

Details

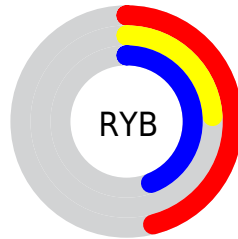
The HunterLab color $[28.9393, 22.9289, -12.5776]$ is a dark color, and the websafe version is hex 663366 . A complement of this color would be $[37.6355, -21.3191, 14.2014]$, and the grayscale version is $[29.7357, -1.5866, 1.6156]$.

A 20% lighter version of the original color is $[47.4966, 25.3899, -13.5423]$, and $[13.6611, 20.1133, -11.6397]$ is the 20% darker color. If you saturate the color by 10%, you get $[26.8494, 28.0666, -15.3660]$, and if you desaturate by 10%, it is $[31.3304, 17.5579, -9.5493]$.

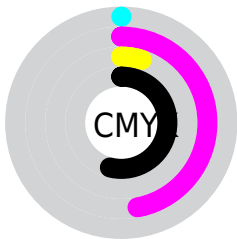
Distribution



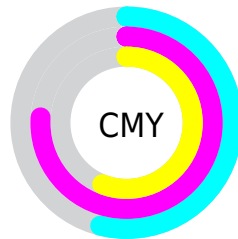
- Red (46%)
- Green (24%)
- Blue (44%)



- Red (46%)
- Yellow (24%)
- Blue (44%)



- Cyan (0%)
- Magenta (47%)
- Yellow (5%)
- Black (54%)















- Cyan (54%)
- Magenta (76%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.9393, 22.9289, -12.5776 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 28.9393, 22.9289, -12.5776 by changing the saturation by 10% instead.

 28.9393, 22.9289, -12.5776	 28.9393, 22.9289, -12.5776
 133.6585, 30.1368, -13.5009	 20.8230, 21.5656, -12.1565
 47.6348, 25.2433, -13.2219	 13.6500, 20.0726, -11.7081
 58.0826, 26.2181, -13.4404	 7.2534, 20.4739, -12.3194
 69.1991, 27.0864, -13.5932	0.0000, INF, -NF
 80.9461, 27.8585, -13.6840	0.0000, NaN, NaN
 93.2916, 28.5427, -13.7168	0.0000, NaN, NaN
 106.2079, 29.1465,	0.0000, NaN, NaN

-13.6952

0.0000, NaN, NaN

119.6706, 29.6761,
-13.6222

■ 28.9393, 22.9289,
-12.5776

■ 28.9393, 22.9289,
-12.5776

■ 26.8494, 28.0666,
-15.3660

■ 31.3304, 17.5579,
-9.5493

■ 25.0984, 32.7410,
-17.7718

■ 33.9814, 12.1210,
-6.3928

■ 23.7202, 36.6672,
-19.6283

■ 36.8569, 6.7184,
-3.1807

■ 22.7327, 39.5707,
-20.7881

■ 39.9258, 1.4052,
0.0418

■ 22.0682, 41.4930,
-21.3055

■ 43.1620, -3.7946,
3.2492

■ 21.8774, 42.0561,
-21.4467

■ 46.5439, -8.8752,
6.4290

■ 50.0537, -13.8416,
9.5765

■ 53.6765, -18.7035,
12.6914

■ 57.4003, -23.4728,
15.7760

Harmonies

Analogous

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



28.9400, 11.8312, -26.6841



28.9393, 22.9289, -12.5776



28.9400, 27.2578, 1.6489

Triad

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



28.9400, 22.9278, -12.5767



28.9400, -1.6232, 16.5341



28.9400, -19.8265, -12.7631

Complementary

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



28.9393, 22.9289, -12.5776



37.6355, -21.3191, 14.2014

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.



28.9400, -22.1978, 1.5015



28.9393, 22.9289, -12.5776



28.9400, -12.8623, 15.3486

Square

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



28.9400, 22.9278, -12.5767



28.9400, 11.6737, 15.3787



28.9400, -19.8833, 10.9339



28.9400, -12.7495, -26.8204

Rectangle

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



28.9393, 22.9289, -12.5776



28.9400, 25.2295, 8.5179



28.9400, -19.8833, 10.9339



28.9400, -21.1396, -7.6746

Sweetspot

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



28.9400, 22.9278, -12.5767



50.3831, 7.0964, -3.1154



24.3743, 10.6809, -25.7319



23.8249, 3.9951, -1.8510



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



28.9400, 22.9278, -12.5767



35.8159, 37.8489, -20.7164



28.0493, 18.7473, -0.1181



19.3685, 1.2205, -0.3018



22.9607, 44.1339, -22.4724



50.6099, 97.1589, -48.5977

Inverse Universe

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



28.9400, 22.9278, -12.5767



35.8159, 37.8489, -20.7164



38.1749, -18.1127, 6.3907



19.3685, 1.2205, -0.3018



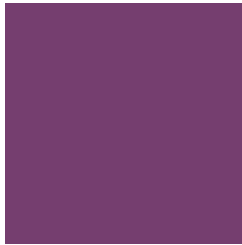
22.9607, 44.1339, -22.4724



50.6099, 97.1589, -48.5977

Previews

White Background



This preview shows how the HunterLab color 28.9393, 22.9289, -12.5776 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



This preview shows how the HunterLab color 28.9393, 22.9289, -12.5776 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

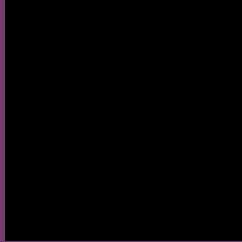
Any Text WCAG AA × Fail

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 28.9393, 22.9289, -12.5776 Background



This preview shows how black text looks on a background with the HunterLab color 28.9393, 22.9289, -12.5776.



This preview shows how white text looks on a background with the HunterLab color 28.9393, 22.9289, -12.5776.

-12.5776.

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

28.9393, 22.9289, -12.5776

Protanopia

29.2395, 3.4996, -21.9464

Deuteranopia

29.1617, 1.7896, -10.8443



Tritanopia

28.9811, 12.5393, 4.4593

Trichromacy



Original Color

28.9393, 22.9289, -12.5776

Protanomaly

28.6519, 9.9550, -19.6028

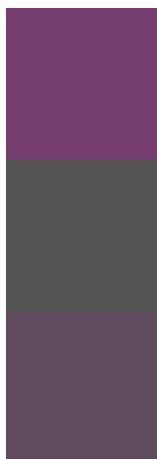
Deuteranomaly

28.6807, 9.0800, -12.0770

Tritanomaly

28.8033, 15.9542, -0.9769

Monochromacy



Original Color

28.9393, 22.9289, -12.5776

Achromatopsia

29.7751, -1.5887, 1.6177

Achromatomaly

29.0927, 6.9382, -3.5332

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.9393, 22.9289, -12.5776 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(117, 62, 111)` looks like.

```
.text, #text, p{  
    color:rgb(117, 62, 111)  
}
```

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(117, 62, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 62, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 28.9393, 22.9289, -12.5776 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(117, 62, 111) }
```


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

```
.border{ border-color:rgb(117, 62, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 62, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 62, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 62, 111);  
box-shadow:4px 4px 4px 4px rgb(117, 62,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 28.9393, 22.9289, -12.5776 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 62, 111) }
```

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

```
.background{ background-color: rgb(117, 62,  
111) }
```

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