

Converting Colors

HunterLab(31.1940, 22.6406,
-12.8521)

Have a look what the booklet for
HunterLab(31.1940, 22.6406,
-12.8521) contains.

HunterLab(31.2653, 22.7396, -12.8389)	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(31.2653, 22.7396,
-12.8389)**

Conversions

Conversions Part 1

Format	Color
Hex	7B4576
RGB	123, 69, 118
RGB Percent	48%, 27%, 46%
CMY	0.5176, 0.7294, 0.5373
CMYK	0.00, 0.44, 0.04, 0.52
HSL	306°, 28%, 38%
HSV	306°, 44%, 48%
XYZ	13.5665, 9.7752, 18.3113
YIQ	90.7320, 16.4550, 26.6870

Conversions

Conversions Part 2

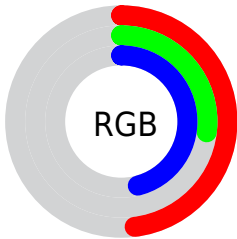
Format	Color
R_{YB}	123, 69, 118
Decimal	8078710
CIE _{Lab}	37.44, 30.98, -18.26
CIE _{LCh}	37, 35.959, 329.476
Yxy	9.7756, 0.3257, 0.2347
Android (android.graphics.Color)	4286268790 (0xFF7B4576)
YUV	90.7320, 13.4431, 28.2990
Hunter-Lab	31.2653, 22.7396, -12.8389

Details

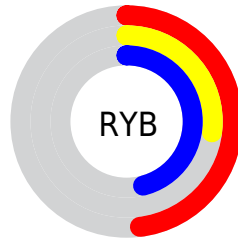
The HunterLab color **31.2653, 22.7396, -12.8389** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **39.9072, -21.6485, 14.5856**, and the grayscale version is **32.1938, -1.7178, 1.7491**.

A 20% lighter version of the original color is **50.4411, 24.9124, -13.1842**, and **15.5562, 19.9224, -11.5243** is the 20% darker color. If you saturate the color by 10%, you get **28.9639, 28.3190, -16.0201**, and if you desaturate by 10%, it is **33.8766, 16.9686, -9.4505**.

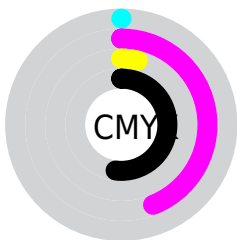
Distribution



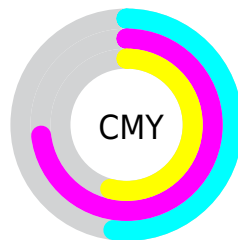
- Red (48%)
- Green (27%)
- Blue (46%)



- Red (48%)
- Yellow (27%)
- Blue (46%)



- Cyan (0%)
- Magenta (44%)
- Yellow (4%)
- Black (52%)



- Cyan (52%)
- Magenta (73%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2653, 22.7396, -12.8389 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 31.2653, 22.7396, -12.8389 by changing the saturation by 10% instead.

31.2653, 22.7396,
-12.8389

31.2653, 22.7396,
-12.8389

137.5002, 29.5051,
-13.6693

22.9139, 21.4396,
-12.4284

50.3712, 24.9334,
-13.4568

15.4756, 20.0015,
-11.9782

61.0026, 25.8535,
-13.6631

9.0735, 18.5224,
-11.6104

72.2918, 26.6706,
-13.8046

0.0000, INF, -NF

84.2025, 27.3946,
-13.8853

0.0000, NaN, NaN

96.7038, 28.0335,
-13.9088

0.0000, NaN, NaN

109.7689, 28.5944,

0.0000, NaN, NaN

-13.8786

0.0000, NaN, NaN

123.3746, 29.0832,
-13.7978

■ 31.2653, 22.7396,
-12.8389

■ 31.2653, 22.7396,
-12.8389

■ 28.9639, 28.3190,
-16.0201

■ 33.8766, 16.9686,
-9.4505

■ 27.0130, 33.4793,
-18.8488

■ 36.7544, 11.1657,
-5.9641

■ 25.4515, 37.9249,
-21.1448

■ 39.8621, 5.4231,
-2.4477

■ 24.3036, 41.3502,
-22.7336

■ 43.1680, -0.2112,
1.0584

■ 23.5596, 43.5641,
-23.5222

■ 46.6455, -5.7185,
4.5329

■ 23.1780, 44.7028,
-23.8576

■ 50.2726, -11.0968,
7.9667

■ 54.0313, -16.3536,
11.3576

■ 57.9066, -21.5006,
14.7077

■ 61.8863, -26.5512,
18.0206

Harmonies

Analogous

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



31.2660, 11.5182, -26.6549



31.2653, 22.7396, -12.8389



31.2660, 27.2533, 1.4852

Triad

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



31.2660, 22.7384, -12.8380



31.2660, -1.4426, 17.3110



31.2660, -20.4919, -12.3038

Complementary

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



31.2653, 22.7396, -12.8389



39.9072, -21.6485, 14.5856

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.



31.2660, -22.8366, 1.9171



31.2653, 22.7396, -12.8389



31.2660, -12.9798, 16.0774

Square

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



31.2660, 22.7384, -12.8380



31.2660, 11.9751, 15.9827



31.2660, -20.3221, 11.4830



31.2660, -13.3140, -26.2683

Rectangle

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



31.2653, 22.7396, -12.8389



31.2660, 25.3692, 8.6008



31.2660, -20.3221, 11.4830



31.2660, -21.8142, -7.2479

Sweetspot

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



31.2660, 22.7384, -12.8380



53.5927, 6.8149, -3.0022



26.6887, 10.0737, -25.0078



25.6150, 4.0068, -1.8887



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



31.2660, 22.7384, -12.8380



38.6444, 38.1870, -21.6008



30.3836, 18.5423, -0.4893



20.1778, 1.3062, -0.3646



23.5734, 45.4639, -24.2538



51.4206, 99.0686, -52.1152

Inverse Universe

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



31.2660, 22.7384, -12.8380



38.6444, 38.1870, -21.6008



40.4490, -18.4388, 6.7420



20.1778, 1.3062, -0.3646



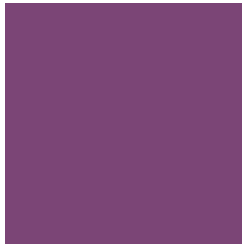
23.5734, 45.4639, -24.2538



51.4206, 99.0686, -52.1152

Previews

White Background



This preview shows how the HunterLab color 31.2653, 22.7396, -12.8389 looks on a white background.

Color Contrast Check

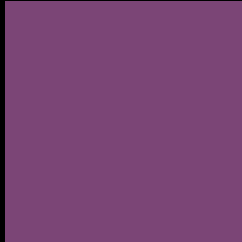
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.2653, 22.7396, -12.8389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

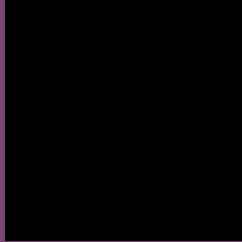
Any Text WCAG AA × Fail

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 31.2653, 22.7396, -12.8389 Background



This preview shows how black text looks on a background with the HunterLab color 31.2653, 22.7396, -12.8389.



This preview shows how white text looks on a background with the HunterLab color 31.2653, 22.7396, -12.8389.

-12.8389.

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

31.2653, 22.7396, -12.8389

Protanopia

31.4624, 3.4948, -21.6895

Deuteranopia

31.4534, 2.1042, -11.1559



Tritanopia

31.3914, 12.2934, 4.1018

Trichromacy



Original Color

31.2653, 22.7396, -12.8389

Protanomaly

30.8120, 9.8843, -19.4772

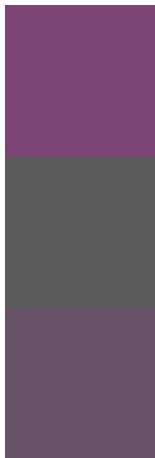
Deuteranomaly

30.9757, 9.5154, -12.3727

Tritanomaly

31.2012, 15.7987, -1.5261

Monochromacy



Original Color

31.2653, 22.7396, -12.8389

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

31.6381, 6.8964, -3.4567

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2653, 22.7396, -12.8389 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(123, 69, 118)` looks like.

```
.text, #text, p{  
    color:rgb(123, 69, 118)  
}
```

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(123, 69, 118) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(123, 69, 118) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2653, 22.7396, -12.8389 is called "border". The border property can be set on classes, ids or directly on the HTML element.

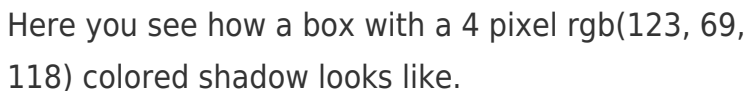
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(123, 69, 118) }
```


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

```
.border{ border-color:rgb(123, 69, 118) }
```

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



Here you see how a box with a 4 pixel `rgb(123, 69, 118)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(123, 69, 118); -webkit-box-shadow:4px 4px 4px 4px rgb(123, 69, 118); box-shadow:4px 4px 4px 4px rgb(123, 69, 118) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.2653, 22.7396, -12.8389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(123, 69, 118) }
```

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

```
.background{ background-color: rgb(123, 69,  
118) }
```

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