

Converting Colors

HunterLab(12.2442, 18.1983,
-34.1343)

Have a look what the booklet for
HunterLab(12.2442, 18.1983,
-34.1343) contains.

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Color

**HunterLab(12.2796, 17.9798,
-33.6148)**

Conversions

Conversions Part 1

Format	Color
Hex	281155
RGB	40, 17, 85
RGB Percent	16%, 7%, 33%
CMY	0.8431, 0.9333, 0.6667
CMYK	0.53, 0.80, 0.00, 0.67
HSL	260°, 67%, 20%
HSV	260°, 80%, 33%
XYZ	2.7152, 1.5079, 8.7423
YIQ	31.6290, -8.1200, 26.0240

Conversions

Conversions Part 2

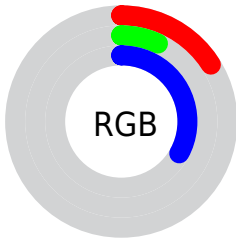
Format	Color
R_{YB}	40, 17, 85
Decimal	2625877
CIE _{Lab}	12.66, 29.32, -36.87
CIE _{LCh}	13, 47.108, 308.494
Yxy	1.5079, 0.2094, 0.1163
Android (android.graphics.Color)	4280815957 (0xFF281155)
YUV	31.6290, 26.3119, 7.3414
Hunter-Lab	12.2796, 17.9798, -33.6148

Details

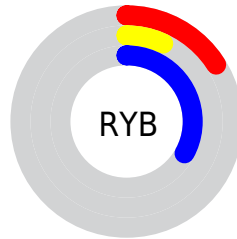
The HunterLab color **12.2796, 17.9798, -33.6148** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **27.4983, -13.4833, 15.5648**, and the grayscale version is **11.8244, -0.6309, 0.6424**.

A 20% lighter version of the original color is **27.2372, 20.5583, -32.7525**, and **4.6001, 7.4236, -21.7751** is the 20% darker color. If you saturate the color by 10%, you get **10.8946, 20.3247, -39.7027**, and if you desaturate by 10%, it is **13.9460, 15.3759, -27.6753**.

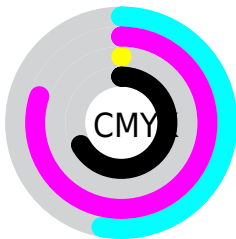
Distribution



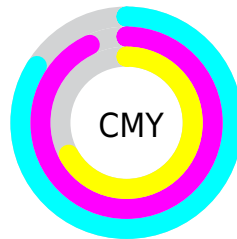
- Red (16%)
- Green (7%)
- Blue (33%)



- Red (16%)
- Yellow (7%)
- Blue (33%)



- Cyan (53%)
- Magenta (80%)
- Yellow (0%)
- Black (67%)



- Cyan (84%)
- Magenta (93%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.2796, 17.9798, -33.6148 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 12.2796, 17.9798, -33.6148 by changing the saturation by 10% instead.

■ 12.2796, 17.9798,
-33.6148

■ 12.2796, 17.9798,
-33.6148

■ 103.4572, 26.4261,
-37.3780

■ 5.4249, 23.5764,
-45.1540

■ 27.1675, 20.7090,
-33.2969

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 35.9590, 21.8612,
-33.8129

0.0000, NaN, NaN

■ 45.5358, 22.8815,
-34.4335

0.0000, NaN, NaN

■ 55.8381, 23.7833,
-35.0789

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.8179, 24.5790,
-35.7109

0.0000, NaN, NaN

■ 78.4357, 25.2790,

0.0000, NaN, NaN

-36.3104

90.6583, 25.8922,
-36.8677

12.2796, 17.9798,
-33.6148

12.2796, 17.9798,
-33.6148

10.8946, 20.3247,
-39.7027

13.9460, 15.3759,
-27.6753

9.5577, 23.2300,
-47.0177

15.8439, 12.7151,
-22.1758

17.9268, 10.1075,
-17.2010

20.1592, 7.5923,
-12.7219

22.5142, 5.1743,
-8.6690

■ 24.9721, 2.8441,
-4.9676

■ 27.5178, 0.5879,
-1.5508

■ 30.1399, -1.6081,
1.6375

■ 32.8295, -3.7564,
4.6422

Harmonies

Analogous

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



12.2798, 3.0667, -49.5491



12.2796, 17.9798, -33.6148



12.2798, 30.3189, -10.8878

Triad

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



12.2798, 17.9802, -33.6143



12.2798, 9.3609, 8.5958



12.2798, -18.6614, -3.1743

Complementary

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



12.2796, 17.9798, -33.6148



27.4983, -13.4833, 15.5648

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.



12.2798, -17.6809, 7.0584



12.2796, 17.9798, -33.6148



12.2798, -3.9818, 8.5958

Square

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



12.2798, 17.9802, -33.6143



12.2798, 24.1219, 8.5958



12.2798, -12.5330, 8.5958



12.2798, -15.2118, -23.4761

Rectangle

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



12.2796, 17.9798, -33.6148



12.2798, 33.4093, 0.0573



12.2798, -12.5330, 8.5958



12.2798, -18.8389, 1.2496

Sweetspot

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



12.2798, 17.9802, -33.6143



31.0538, 5.1574, -8.7493



20.6317, -4.8582, -12.0698



15.3565, 2.9564, -4.9803



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



12.2798, 17.9802, -33.6143



12.9011, 28.8638, -58.8826



15.8096, 24.7059, -22.0568



14.4563, 0.1672, -0.6014



12.0118, 29.4253, -60.8785



27.6635, 68.9730, -149.5518

Inverse Universe

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



16.3706, 23.8659, -5.9994



19.7048, 35.0152, -6.7611



26.0559, -19.3067, 14.5108



14.6272, 0.6743, 0.1903



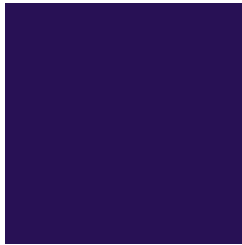
18.9349, 34.8204, -6.3214



44.6865, 81.8411, -12.3179

Previews

White Background



This preview shows how the HunterLab color 12.2796, 17.9798, -33.6148 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 12.2796, 17.9798, -33.6148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

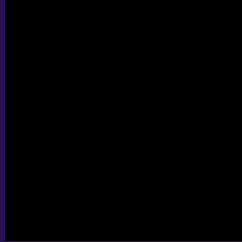
Any Text WCAG AA × Fail

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 12.2796, 17.9798, -33.6148 Background



This preview shows how black text looks on a background with the HunterLab color 12.2796, 17.9798, -33.6148.



This preview shows how white text looks on a background with the HunterLab color 12.2796, 17.9798, -33.6148.

-33.6148.

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

12.2796, 17.9798, -33.6148

Protanopia

12.3182, 1.8896, -19.4759

Deuteranopia

12.3625, -1.1796, -12.9055



Tritanopia

12.7079, -2.6022, -1.1704

Trichromacy



Original Color

12.2796, 17.9798, -33.6148

Protanomaly

11.8043, 7.4524, -26.0301

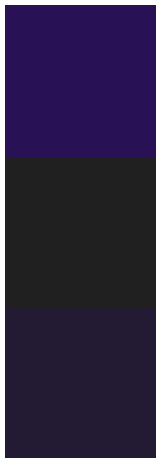
Deuteranomaly

11.6693, 5.3751, -21.3215

Tritanomaly

12.0011, 4.1135, -11.0167

Monochromacy



Original Color

12.2796, 17.9798, -33.6148

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.7482, 5.0058, -8.4793

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.2796, 17.9798, -33.6148 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(40, 17, 85)` looks like.

```
.text, #text, p{  
    color:rgb(40, 17, 85)  
}
```

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(40, 17, 85) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 17, 85) }
```

Border

The CSS property to change the border of an element to HunterLab 12.2796, 17.9798, -33.6148 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(40, 17, 85) }
```


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

```
.border{ border-color:rgb(40, 17, 85) }
```

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

Here you see how a box with a 4 pixel rgb(40, 17, 85) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 17, 85); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 17, 85);  
box-shadow:4px 4px 4px 4px rgb(40, 17, 85)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.2796, 17.9798, -33.6148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 17, 85) }
```

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

```
.background{ background-color: rgb(40, 17,  
85) }
```

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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