

Converting Colors

HunterLab(12.6143, 18.2460,
-14.7062)

Have a look what the booklet for
HunterLab(12.6143, 18.2460,
-14.7062) contains.

HunterLab(12.5848, 18.0792, -14.7805)	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(12.5848, 18.0792,
-14.7805)**

Conversions

Conversions Part 1

Format	Color
Hex	3A0E40
RGB	58, 14, 64
RGB Percent	23%, 5%, 25%
CMY	0.7725, 0.9451, 0.7490
CMYK	0.09, 0.78, 0.00, 0.75
HSL	293°, 64%, 15%
HSV	293°, 78%, 25%
XYZ	2.8274, 1.5838, 5.0071
YIQ	32.8560, 10.1740, 24.8780

Conversions

Conversions Part 2

Format	Color
RYB	58, 14, 64
Decimal	3804736
CIELab	13.13, 29.36, -21.43
CIElCh	13, 36.346, 323.876
Yxy	1.5838, 0.3002, 0.1682
Android (android.graphics.Color)	4281994816 (0xFF3A0E40)
YUV	32.8560, 15.3540, 22.0513
Hunter-Lab	12.5848, 18.0792, -14.7805

Details

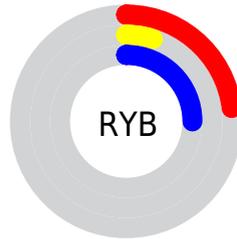
The HunterLab color **12.5848, 18.0792, -14.7805** is a dark color, and the websafe version is hex **330033**. A complement of this color would be **19.6144, -14.2933, 10.5800**, and the grayscale version is **12.2383, -0.6530, 0.6649**.

A 20% lighter version of the original color is **27.6281, 20.5021, -15.5133**, and **2.6873, 4.4054, -12.8688** is the 20% darker color. If you saturate the color by 10%, you get **11.8823, 19.8947, -16.5327**, and if you desaturate by 10%, it is **13.4444, 15.9399, -12.8273**.

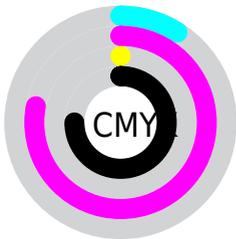
Distribution



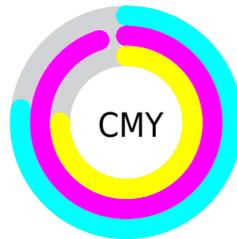
- Red (23%)
- Green (5%)
- Blue (25%)



- Red (23%)
- Yellow (5%)
- Blue (25%)



- Cyan (9%)
- Magenta (78%)
- Yellow (0%)
- Black (75%)



- Cyan (77%)
- Magenta (95%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5848, 18.0792, -14.7805 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 12.5848, 18.0792, -14.7805 by changing the saturation by 10% instead.

12.5848, 18.0792,
-14.7805

12.5848, 18.0792,
-14.7805

104.0765, 26.4917,
-17.6323

5.8879, 21.9279,
-17.9583

27.5646, 20.7981,
-15.7072

0.0000, NaN, -NF

0.0000, NaN, NaN

36.3949, 21.9454,
-16.1651

0.0000, NaN, NaN

46.0073, 22.9614,
-16.5661

0.0000, NaN, NaN

0.0000, NaN, NaN

56.3426, 23.8595,
-16.9031

0.0000, NaN, NaN

67.3534, 24.6519,
-17.1759

0.0000, NaN, NaN

0.0000, NaN, NaN

79.0005, 25.3492,

-17.3864

91.2510, 25.9599,
-17.5375

12.5848, 18.0792,
-14.7805

12.5848, 18.0792,
-14.7805

11.8823, 19.8947,
-16.5327

13.4444, 15.9399,
-12.8273

11.1824, 21.8607,
-18.4446

14.4612, 13.5550,
-10.7385

11.0462, 22.2679,
-18.8385

15.6182, 11.0331,
-8.5965

16.8980, 8.4541,
-6.4584

18.2846, 5.8707,
-4.3586

■ 19.7638, 3.3137,
-2.3148

■ 21.3236, 0.7988,
-0.3333

■ 22.9539, -1.6675,
1.5860

■ 24.6463, -4.0848,
3.4469

Harmonies

Analogous

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



12.5851, 7.7460, -28.4699



12.5848, 18.0792, -14.7805



12.5851, 23.5780, -1.3457

Triad

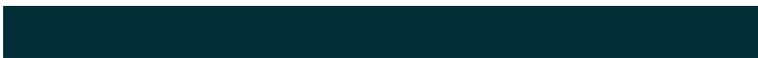
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.5851, 18.0788, -14.7800



12.5851, 1.3676, 8.8096



12.5851, -13.9339, -8.7490

Complementary

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



12.5848, 18.0792, -14.7805



19.6144, -14.2933, 10.5800

Split Complementary

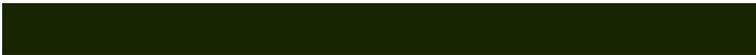
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



12.5851, -14.9389, 2.4252



12.5848, 18.0792, -14.7805



12.5851, -7.3319, 8.8096

Square

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



12.5851, 18.0788, -14.7800



12.5851, 12.2300, 8.8096



12.5851, -12.5913, 8.4101



12.5851, -9.8438, -23.5115

Rectangle

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



12.5848, 18.0792, -14.7805



12.5851, 22.8600, 4.2233



12.5851, -12.5913, 8.4101



12.5851, -14.6435, -4.3213

Sweetspot

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



12.5851, 18.0788, -14.7800



24.8711, 6.3514, -4.6318



9.9386, 7.1888, -22.6862



12.8766, 3.6453, -2.6808



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



12.5851, 18.0788, -14.7800



14.9471, 28.0108, -23.6919



12.6442, 16.8081, -3.8741



11.6195, 0.4973, -0.2297



16.7489, 33.8247, -29.0347



41.6387, 84.2843, -73.6884

Inverse Universe

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



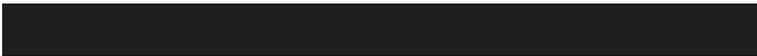
12.0608, 14.3796, 4.4298



14.2638, 22.6850, 7.3784



19.6629, -13.7139, 7.6834



11.5800, 0.2278, 0.7705



16.0048, 27.5689, 9.1000



39.9876, 68.6770, 24.3116

Previews

White Background



This preview shows how the HunterLab color 12.5848, 18.0792, -14.7805 looks on a white background.

Color Contrast Check

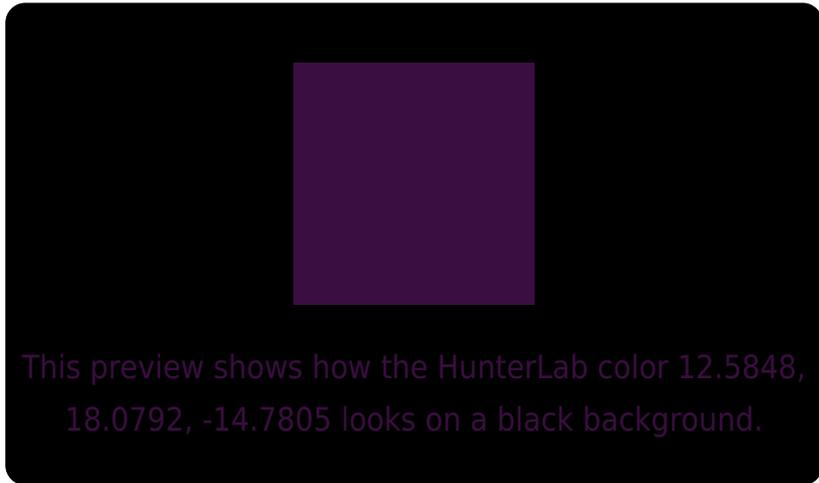
Large Text (above 18pt) WCAG AA ✓ Pass

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

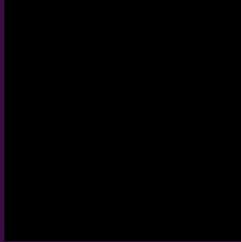
Any Text WCAG AA × Fail

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 12.5848, 18.0792, -14.7805 Background



This preview shows how black text looks on a background with the HunterLab color 12.5848, 18.0792, -14.7805.



This preview shows how white text looks on a background with the HunterLab color 12.5848, 18.0792, -14.7805.

-14.7805.

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

12.5848, 18.0792, -14.7805

Protanopia

12.7479, 2.5400, -21.4168

Deuteranopia

13.1067, 0.2749, -11.8903



Tritanopia

13.0710, 6.7721, 2.6013

Trichromacy



Original Color

12.5848, 18.0792, -14.7805

Protanomaly

11.7707, 6.7993, -21.8146

Deuteranomaly

12.1876, 6.2122, -14.5521

Tritanomaly

12.6182, 10.4526, -2.3344

Monochromacy



Original Color

12.5848, 18.0792, -14.7805

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

11.8865, 5.9120, -4.4580

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5848, 18.0792, -14.7805 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(58, 14, 64)` looks like.

```
.text, #text, p{  
    color:rgb(58, 14, 64)  
}
```

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(58, 14, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 14, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5848, 18.0792, -14.7805 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(58, 14, 64) }
```


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

```
.border{ border-color:rgb(58, 14, 64) }
```

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

Here you see how a box with a 4 pixel rgb(58, 14, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 14, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(58, 14, 64);  
box-shadow:4px 4px 4px 4px rgb(58, 14, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5848, 18.0792, -14.7805 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 14, 64) }
```

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

```
.background{ background-color: rgb(58, 14,  
64) }
```

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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