

Converting Colors

HunterLab(34.1851, -12.7465,
-12.7805)

Have a look what the booklet for
HunterLab(34.1851, -12.7465,
-12.7805) contains.

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Color

**HunterLab(34.2528,
-12.8236, -12.7021)**

Conversions

Conversions Part 1

Format	Color
Hex	14697D
RGB	20, 105, 125
RGB Percent	8%, 41%, 49%
CMY	0.9215, 0.5882, 0.5098
CMYK	0.84, 0.16, 0.00, 0.51
HSL	191°, 72%, 28%
HSV	191°, 84%, 49%
XYZ	9.0417, 11.7325, 21.1901
YIQ	81.8650, -57.0800, -11.8000

Conversions

Conversions Part 2

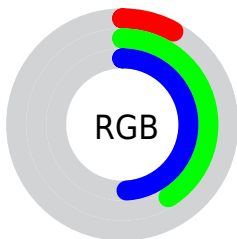
Format	Color
R_{YB}	20, 67, 125
Decimal	1337725
CIE _{Lab}	40.79, -16.53, -17.99
CIE _{LCh}	41, 24.429, 227.429
Yxy	11.7330, 0.2155, 0.2796
Android (android.graphics.Color)	4279527805 (0xFF14697D)
YUV	81.8650, 21.2656, -54.2556
Hunter-Lab	34.2528, -12.8236, -12.7021

Details

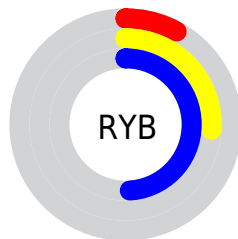
The HunterLab color **34.2528, -12.8236, -12.7021** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **24.3490, 25.8816, 13.8442**, and the grayscale version is **28.9401, -1.5442, 1.5724**.

A 20% lighter version of the original color is **53.7365, -15.7100, -13.6353**, and **18.8359, -6.2620, -10.0254** is the 20% darker color. If you saturate the color by 10%, you get **33.3980, -12.4385, -14.0820**, and if you desaturate by 10%, it is **35.2013, -12.8665, -11.2138**.

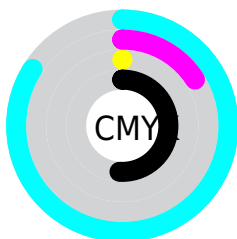
Distribution



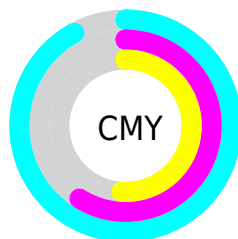
- Red (8%)
- Green (41%)
- Blue (49%)



- Red (8%)
- Yellow (26%)
- Blue (49%)



- Cyan (84%)
- Magenta (16%)
- Yellow (0%)
- Black (51%)



- Cyan (92%)
- Magenta (59%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.2528, -12.8236, -12.7021 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 34.2528, -12.8236, -12.7021 by changing the saturation by 10% instead.

■ 34.2528, -12.8236,
-12.7021

■ 34.2528, -12.8236,
-12.7021

■ 142.3479,
-26.0373, -13.2747

■ 25.6166, -11.2009,
-12.3205

■ 53.8589, -15.8921,
-13.2556

■ 17.8600, -9.4748,
-11.8843

■ 64.7152, -17.3746,
-13.4304

■ 11.0978, -7.6512,
-11.4520

■ 76.2165, -18.8371,
-13.5417

■ 2.9546, -5.1705,
-26.1729

■ 88.3283, -20.2864,
-13.5935

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 101.0214,
-21.7277, -13.5895

0.0000, NaN, NaN

■ 114.2702,

0.0000, NaN, NaN

-23.1648, -13.5331

0.0000, NaN, NaN

128.0523,
-24.6006, -13.4273

■ 34.2528, -12.8236,
-12.7021

■ 34.2528, -12.8236,
-12.7021

■ 33.3980, -12.4385,
-14.0820

■ 35.2013, -12.8665,
-11.2138

■ 32.9013, -12.1465,
-14.9030

■ 36.2487, -12.5436,
-9.6185

■ 37.3977, -11.8526,
-7.9233

■ 38.6481, -10.8022,
-6.1394

■ 39.9980, -9.4088,
-4.2786

■ 41.4444, -7.6940,
-2.3535

■ 42.9839, -5.6819,
-0.3756

■ 44.6121, -3.3982,
1.6444

■ 46.3246, -0.8683,
3.6972

Harmonies

Analogous

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



34.2534, -16.8996, -3.4727



34.2528, -12.8236, -12.7021



34.2534, -5.5349, -18.5436

Triad

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



34.2534, -12.8235, -12.7015



34.2534, 16.8607, -1.9372



34.2534, -6.8867, 14.1953

Complementary

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



34.2528, -12.8236, -12.7021



24.3490, 25.8816, 13.8442

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.



34.2534, 2.0404, 14.4046



34.2528, -12.8236, -12.7021



34.2534, 16.4019, 6.4608

Square

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



34.2534, -12.8235, -12.7015



34.2534, 11.9489, -11.3290



34.2534, 10.7539, 11.9512



34.2534, -13.7244, 11.2781

Rectangle

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



34.2528, -12.8236, -12.7021



34.2534, 0.4493, -18.9436



34.2534, 10.7539, 11.9512



34.2534, -4.0502, 14.5514

Sweetspot

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



34.2534, -12.8235, -12.7015



55.1397, -10.6937, -3.5699



38.6839, -30.8150, 20.3210



26.0297, -5.4252, -2.0571



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.



34.2534, -12.8235, -12.7015



43.8003, -15.9472, -20.3211



20.4919, 10.0904, -43.3335



21.7992, -2.2915, 0.3012



33.5981, -12.3898, -15.2486

0.0000, NaN, NaN

Inverse Universe

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



24.2500, 40.4288, -17.0262



30.7842, 58.1405, -22.1349



34.6731, 3.1055, 20.2873



20.9733, 1.2901, -0.1562



23.5246, 44.4675, -17.2082

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 34.2528, -12.8236, -12.7021 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 34.2528, -12.8236, -12.7021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

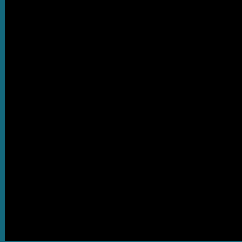
Any Text WCAG AA × Fail

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 34.2528, -12.8236, -12.7021 Background



This preview shows how black text looks on a background with the HunterLab color 34.2528, -12.8236, -12.7021.



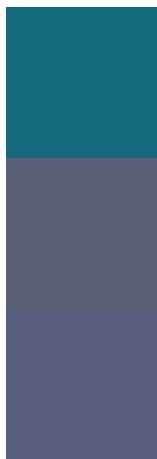
This preview shows how white text looks on a background with the HunterLab color 34.2528, -12.8236, -12.7021.

-12.8236, -12.7021.

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

34.2528, -12.8236, -12.7021

Protanopia

34.2295, 0.9896, -8.5786

Deuteranopia

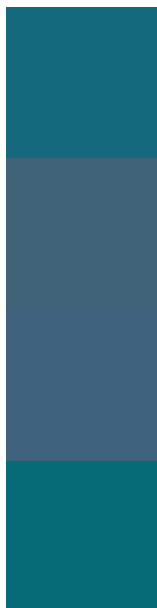
34.0770, 2.4789, -13.8931



Tritanopia

34.2829, -16.5079, -7.2148

Trichromacy



Original Color

34.2528, -12.8236, -12.7021

Protanomaly

33.8053, -5.8658, -10.9980

Deuteranomaly

33.6132, -4.7447, -14.1876

Tritanomaly

34.1835, -15.0628, -9.4711

Monochromacy



Original Color

34.2528, -12.8236, -12.7021

Achromatopsia

29.0476, -1.5499, 1.5782

Achromatomaly

30.2059, -7.5681, -4.2011

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.2528, -12.8236, -12.7021 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(20, 105, 125)` looks like.

```
.text, #text, p{  
    color:rgb(20, 105, 125)  
}
```

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(20, 105, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 105, 125) }
```

Border

The CSS property to change the border of an element to HunterLab 34.2528, -12.8236, -12.7021 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(20, 105, 125) }
```


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

```
.border{ border-color:rgb(20, 105, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 105, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 105, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 105, 125);  
box-shadow:4px 4px 4px 4px rgb(20, 105,  
125) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.2528, -12.8236, -12.7021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 105, 125) }
```

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

```
.background{ background-color: rgb(20, 105,  
125) }
```

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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