

Converting Colors

HunterLab(18.4995, 12.9793,
-37.5028)

Have a look what the booklet for
HunterLab(18.4995, 12.9793,
-37.5028) contains.

HunterLab(18.4995, 12.9793, -37.5028)	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(18.4995, 12.9793,
-37.5028)**

Conversions

Conversions Part 1

Format	Color
Hex	282C70
RGB	40, 44, 112
RGB Percent	16%, 17%, 44%
CMY	0.8431, 0.8275, 0.5608
CMYK	0.64, 0.61, 0.00, 0.56
HSL	237°, 47%, 30%
HSV	237°, 64%, 44%
XYZ	4.7004, 3.4223, 15.7420
YIQ	50.5560, -24.2120, 20.3000

Conversions

Conversions Part 2

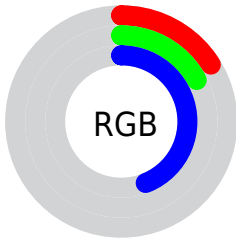
Format	Color
R_{YB}	40, 44, 112
Decimal	2632816
CIE _{Lab}	21.66, 21.19, -40.04
CIE _{LCh}	22, 45.299, 297.896
Yxy	3.4224, 0.1970, 0.1434
Android (android.graphics.Color)	4280822896 (0xFF282C70)
YUV	50.5560, 30.2919, -9.2576
Hunter-Lab	18.4995, 12.9793, -37.5028




Details

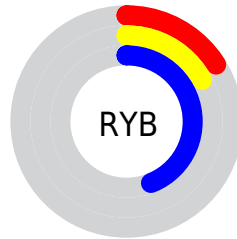
The HunterLab color **18.4995, 12.9793, -37.5028** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **37.8470, -7.6165, 20.0424**, and the grayscale version is **17.9536, -0.9580, 0.9755**.




A 20% lighter version of the original color is **35.1743, 14.4292, -37.2748**, and **5.9907, 16.2497, -42.5662** is the 20% darker color. If you saturate the color by 10%, you get **15.9358, 16.7094, -46.9215**, and if you desaturate by 10%, it is **21.3810, 9.7227, -29.1635**.

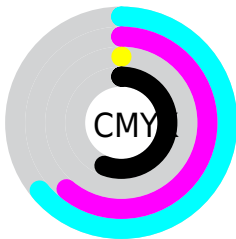
Distribution







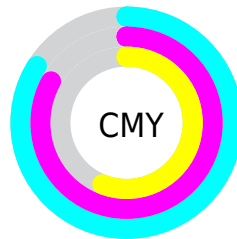
-  Red (16%)
-  Green (17%)
-  Blue (44%)






-  Red (16%)
-  Yellow (17%)
-  Blue (44%)



-  Cyan (64%)
-  Magenta (61%)
-  Yellow (0%)
-  Black (56%)



-  Cyan (84%)
-  Magenta (83%)
-  Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.4995, 12.9793, -37.5028 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 18.4995, 12.9793, -37.5028 by changing the saturation by 10% instead.

■ 18.4995, 12.9793,
-37.5028

■ 18.4995, 12.9793,
-37.5028

■ 115.4529, 17.3495,
-42.2323

■ 11.6449, 11.8972,
-38.6368

■ 35.0466, 14.6730,
-37.9105

■ 4.2893, 21.3019,
-62.8835

■ 44.5481, 15.3243,
-38.5077

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 54.7804, 15.8683,
-39.1695

0.0000, NaN, NaN

■ 65.6945, 16.3179,
-39.8415

0.0000, NaN, NaN

■ 77.2504, 16.6832,
-40.4955

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 89.4141, 16.9727,

-41.1167

0.0000, NaN, NaN

102.1567, 17.1929,
-41.6970

18.4995, 12.9793,
-37.5028

18.4995, 12.9793,
-37.5028

15.9358, 16.7094,
-46.9215

21.3810, 9.7227,
-29.1635

13.7886, 20.7913,
-57.0544

24.5065, 6.9052,
-21.8653

12.1680, 24.7616,
-66.7626

27.8253, 4.4510,
-15.4398

11.4228, 26.7667,
-72.0591

31.3013, 2.2835,
-9.7086

34.9088, 0.3390,
-4.5191

■ 38.6290, -1.4324,
0.2497

■ 42.4476, -3.0688,
4.6907

■ 46.3538, -4.5993,
8.8752

■ 50.3389, -6.0461,
12.8577

Harmonies

Analogous

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



18.4998, -1.9430, -45.4305



18.4995, 12.9793, -37.5028



18.4998, 26.9445, -17.8103

Triad

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



18.4998, 12.9799, -37.5022



18.4998, 15.1493, 12.9498



18.4998, -20.6039, 1.9014

Complementary

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



18.4995, 12.9793, -37.5028



37.8470, -7.6165, 20.0424

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.



18.4998, -18.3986, 9.9757



18.4995, 12.9793, -37.5028



18.4998, -0.0135, 12.9498

Square

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



18.4998, 12.9799, -37.5022



18.4998, 28.4315, 9.2995



18.4998, -11.7461, 12.9498



18.4998, -18.9537, -14.9193

Rectangle

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



18.4995, 12.9793, -37.5028



18.4998, 32.3498, -5.0382



18.4998, -11.7461, 12.9498



18.4998, -20.3068, 5.5188

Sweetspot

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



18.4998, 12.9799, -37.5022



43.7553, 1.7611, -9.4982



36.2013, -17.3294, -0.8684



20.9200, 1.1519, -5.4251



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



18.4998, 12.9799, -37.5022



19.6958, 24.6742, -68.4980



20.0872, 20.8038, -32.5046



18.2414, -0.3045, -0.9674



12.2345, 28.9723, -77.8349



26.5403, 67.8631, -179.6700

Inverse Universe

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



22.6814, 22.4456, 8.1402



27.0447, 36.3073, 12.9689



36.7181, -17.8130, 19.0716



18.4506, 0.5208, 1.3875



19.9923, 34.3104, 12.3533



44.5745, 76.4046, 28.2643

Previews

White Background



This preview shows how the HunterLab color 18.4995, 12.9793, -37.5028 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 18.4995, 12.9793, -37.5028 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 18.4995, 12.9793, -37.5028 Background



This preview shows how black text looks on a background with the HunterLab color 18.4995, 12.9793, -37.5028.



This preview shows how white text looks on a background with the HunterLab color 18.4995, 12.9793, -37.5028.

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

18.4995, 12.9793, -37.5028

Protanopia

18.2258, 4.7543, -33.0439

Deuteranopia

18.2179, -0.4798, -21.7351



Tritanopia

18.3984, -8.8129, -3.9719

Trichromacy



Original Color

18.4995, 12.9793, -37.5028

Protanomaly

18.1609, 7.1478, -35.0018

Deuteranomaly

18.1207, 3.6497, -27.3934

Tritanomaly

18.0051, -2.2105, -14.5783

Monochromacy



Original Color

18.4995, 12.9793, -37.5028

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

17.8865, 2.9469, -9.8210

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.4995, 12.9793, -37.5028 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, 44, 112)` looks like.

```
.text, #text, p{  
    color:rgb(40, 44, 112)  
}
```

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, 44, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 44, 112) }
```

Border

The CSS property to change the border of an element to HunterLab 18.4995, 12.9793, -37.5028 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, 44, 112) }
```


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

```
.border{ border-color:rgb(40, 44, 112) }
```

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

Here you see how a box with a 4 pixel rgb(40, 44, 112) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 44, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 44, 112);  
box-shadow:4px 4px 4px 4px rgb(40, 44,  
112) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.4995, 12.9793, -37.5028 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 44, 112) }
```

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

```
.background{ background-color: rgb(40, 44,  
112) }
```

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