

Converting Colors

HunterLab(15.7494, -0.7660,
-12.7504)

Have a look what the booklet for
HunterLab(15.7494, -0.7660,
-12.7504) contains.

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Color

**HunterLab(15.7494, -0.7660,
-12.7504)**

Conversions

Conversions Part 1	
Format	Color
Hex	142D47
RGB	20, 45, 71
RGB Percent	8%, 18%, 28%
CMY	0.9216, 0.8235, 0.7216
CMYK	0.72, 0.37, 0.00, 0.72
HSL	211°, 56%, 18%
HSV	211°, 72%, 28%
XYZ	2.3642, 2.4804, 6.3154
YIQ	40.4890, -23.2460, 2.7860

Conversions

Conversions Part 2

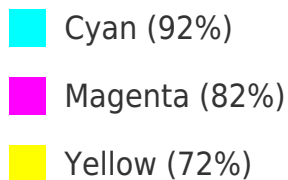
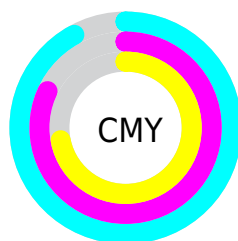
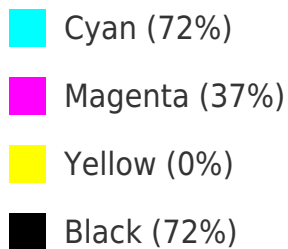
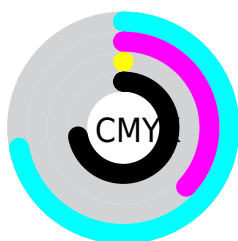
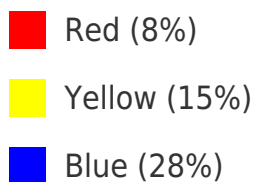
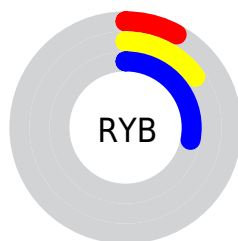
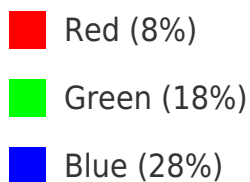
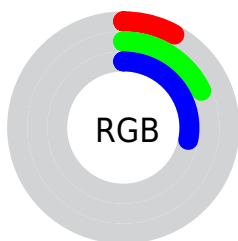
Format	Color
RYB	20, 37, 71
Decimal	1322311
CIELab	17.83, 0.14, -19.09
CIELCh	18, 19.091, 270.411
Yxy	2.4805, 0.2118, 0.2223
Android (android.graphics.Color)	4279512391 (0xFF142D47)
YUV	40.4890, 15.0419, -17.9689
Hunter-Lab	15.7494, -0.7660, -12.7504

Details

The HunterLab color **15.7494, -0.7660, -12.7504** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18.2874, 4.1309, 9.1948**, and the grayscale version is **14.6837, -0.7835, 0.7978**.

A 20% lighter version of the original color is **31.5176, -1.3494, -14.0297**, and **3.2488, 6.4270, -17.9348** is the 20% darker color. If you saturate the color by 10%, you get **14.6701, -0.0226, -15.0537**, and if you desaturate by 10%, it is **16.8949, -1.3083, -10.5327**.











Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 15.7494, -0.7660, -12.7504 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 15.7494, -0.7660, -12.7504 by changing the saturation by 10% instead.


 15.7494, -0.7660, -12.7504	 15.7494, -0.7660, -12.7504
 110.2944, -5.7469, -14.8553	 9.3105, -0.4332, -12.3701
 31.6121, -1.5934, -13.6404	0.0000, NaN, -NF
 40.8181, -2.0767, -14.0076	0.0000, NaN, NaN
 50.7767, -2.6008, -14.3067	0.0000, NaN, NaN
 61.4348, -3.1628, -14.5384	0.0000, NaN, NaN
 72.7491, -3.7602, -14.7055	0.0000, NaN, NaN
 84.6835, -4.3911,	0.0000, NaN, NaN

-14.8117

 97.2075, -5.0539,
-14.8605


 15.7494, -0.7660,
-12.7504

 15.7494, -0.7660,
-12.7504


 14.6701, -0.0226,
-15.0537


 16.8949, -1.3083,
-10.5327


 13.6506, 0.8974,
-17.4652

 18.0996, -1.6691,
-8.4041

 12.8275, 1.6618,
-19.6205

 19.3582, -1.8682,
-6.3625

 20.6655, -1.9244,
-4.4029

 22.0170, -1.8552,
-2.5190

■ 23.4087, -1.6757,
-0.7039

■ 24.8372, -1.3994,
1.0495

■ 26.2994, -1.0378,
2.7481

■ 27.7927, -0.6007,
4.3980

Harmonies

Analogous

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



15.7497, -5.6956, -10.5297



15.7494, -0.7660, -12.7504



15.7497, 4.8312, -10.4118

Triad

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



15.7497, -0.7659, -12.7500



15.7497, 9.2703, 5.1199



15.7497, -8.9679, 5.0332

Complementary

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



15.7494, -0.7660, -12.7504



18.2874, 4.1309, 9.1948

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.



15.7497, -5.8095, 7.2656



15.7494, -0.7660, -12.7504



15.7497, 4.6832, 7.3024

Square

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



15.7497, -0.7659, -12.7500



15.7497, 11.0874, 0.9287



15.7497, -0.9164, 7.9583



15.7497, -10.0219, 0.7855

Rectangle

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



15.7494, -0.7660, -12.7504



15.7497, 8.0900, -6.9244



15.7497, -0.9164, 7.9583



15.7497, -8.1404, 5.9848

Sweetspot

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



15.7497, -0.7659, -12.7500



28.4460, -2.4285, -3.5228



22.0196, -14.0109, 6.5012



14.2869, -1.2345, -1.9019



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



15.7497, -0.7659, -12.7500



18.0824, 0.8811, -21.8916



10.5076, 10.0847, -26.9859



12.5376, -0.8387, -0.0689



17.5645, 3.4238, -29.3451



41.1898, 12.7245, -78.9523

Inverse Universe

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



14.2460, 16.6991, -1.2620



16.7123, 25.7111, -0.5903



24.2830, -5.9021, 13.2435



12.3472, 0.4266, 0.3922



17.0226, 30.4420, 0.9982



41.8042, 74.3493, 5.6308

Previews

White Background



This preview shows how the HunterLab color 15.7494, -0.7660, -12.7504 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 15.7494, -0.7660, -12.7504 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

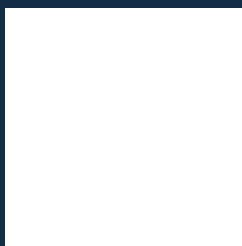
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 15.7494, -0.7660, -12.7504 Background



This preview shows how black text looks on a background with the HunterLab color 15.7494, -0.7660, -12.7504.



This preview shows how white text looks on a background with the HunterLab color 15.7494, -0.7660, -12.7504.

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

15.7494, -0.7660, -12.7504

Protanopia

15.8035, 1.6853, -11.3554

Deuteranopia

15.7775, 0.5601, -12.6697



Tritanopia

15.6642, -7.5738, -3.2291

Trichromacy



Original Color

15.7494, -0.7660, -12.7504

Protanomaly

15.8265, 0.6452, -11.9436

Deuteranomaly

15.6540, 0.1398, -12.9299

Tritanomaly

15.7649, -5.3941, -6.4578

Monochromacy



Original Color

15.7494, -0.7660, -12.7504

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.8939, -1.4631, -3.3159

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7494, -0.7660, -12.7504 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, 45, 71)` looks like.

```
.text, #text, p{  
    color:rgb(20, 45, 71)  
}
```

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, 45, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(20, 45, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7494, -0.7660, -12.7504 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, 45, 71) }
```


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

```
.border{ border-color:rgb(20, 45, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(20, 45, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(20, 45, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(20, 45, 71);  
box-shadow:4px 4px 4px 4px rgb(20, 45, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.7494, -0.7660, -12.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(20, 45, 71) }
```

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

```
.background{ background-color: rgb(20, 45,  
71) }
```

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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