

Converting Colors

HunterLab(12.5792, -7.0155,
6.9036)

Have a look what the booklet for
HunterLab(12.5792, -7.0155, 6.9036)
contains.

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Color

**HunterLab(12.5210, -6.9232,
6.9143)**

Conversions

Conversions Part 1

Format	Color
Hex	162605
RGB	22, 38, 5
RGB Percent	9%, 15%, 2%
CMY	0.9137, 0.8510, 0.9804
CMYK	0.42, 0.00, 0.87, 0.85
HSL	89°, 77%, 8%
HSV	89°, 87%, 15%
XYZ	1.0514, 1.5678, 0.3908
YIQ	29.4540, 1.0570, -13.6550

Conversions

Conversions Part 2

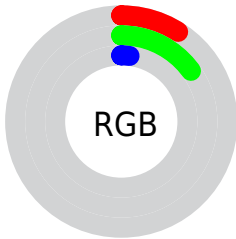
Format	Color
R_{YB}	5, 38, 21
Decimal	1451525
CIE _{Lab}	13.03, -13.73, 16.88
CIE _{LCh}	13, 21.762, 129.132
Yxy	1.5678, 0.3493, 0.5209
Android (android.graphics.Color)	4279641605 (0xFF162605)
YUV	29.4540, -12.0558, -6.5372
Hunter-Lab	12.5210, -6.9232, 6.9143

Details

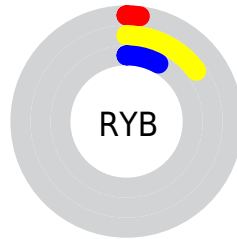
The HunterLab color **12.5210, -6.9232, 6.9143** is a dark color, and the websafe version is hex **333300**. A complement of this color would be **6.3871, 8.7611, -12.9337**, and the grayscale version is **11.2611, -0.6009, 0.6118**.

A 20% lighter version of the original color is **27.4602, -10.0353, 10.2298**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.4069, -7.4481, 7.3499**, and if you desaturate by 10%, it is **12.6406, -6.3855, 6.4919**.

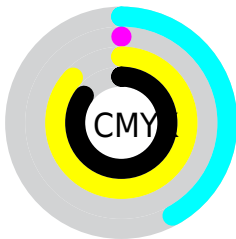
Distribution



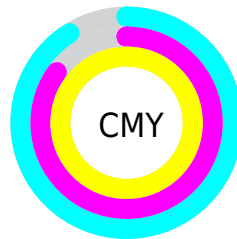
- Red (9%)
- Green (15%)
- Blue (2%)



- Red (2%)
- Yellow (15%)
- Blue (8%)



- Cyan (42%)
- Magenta (0%)
- Yellow (87%)
- Black (85%)



- Cyan (91%)
- Magenta (85%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5210, -6.9232, 6.9143 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 12.5210, -6.9232, 6.9143 by changing the saturation by 10% instead.

■ 12.5210, -6.9232,
6.9143

■ 12.5210, -6.9232,
6.9143

■ 103.9474,
-19.3383, 20.8922

■ 5.7945, -10.1403,
4.0561

■ 27.4817, -9.9794,
10.1427

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.3040, -11.3838,
11.8101

0.0000, NaN, NaN

■ 45.9089, -12.7470,
13.4052

0.0000, NaN, NaN

■ 56.2373, -14.0845,
14.9513

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.2417, -15.4065,
16.4639


0.0000, NaN, NaN


■ 78.8828, -16.7197,


0.0000, NaN, NaN


17.9535


 91.1275, -18.0292,
19.4277


 12.5210, -6.9232,
6.9143


 12.5210, -6.9232,
6.9143


 12.4069, -7.4481,
7.3499


 12.6406, -6.3855,
6.4919

 12.3717, -7.6110,
7.4902

 12.7664, -5.8251,
6.0583

 12.9042, -5.2116,
5.5350

 13.0543, -4.5438,
4.9158

 13.2169, -3.8231,
4.2004

■ 13.3919, -3.0512,
3.3897

■ 13.5793, -2.2301,
2.4853

■ 13.7789, -1.3623,
1.4892

■ 13.9906, -0.4500,
0.4042

Harmonies

Analogous

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



12.5213, -2.3795, 8.4390



12.5210, -6.9232, 6.9143



12.5213, -9.4328, 3.8855

Triad

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



12.5213, -6.9235, 6.9144



12.5213, -4.3771, -13.7129



12.5213, 12.2595, 2.2419

Complementary

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



12.5210, -6.9232, 6.9143



6.3871, 8.7611, -12.9337

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.



12.5213, 11.4606, -3.6856



12.5210, -6.9232, 6.9143



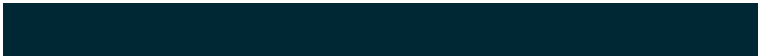
12.5213, 1.1390, -14.8345

Square

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



12.5213, -6.9235, 6.9144



12.5213, -8.1580, -7.9643



12.5213, 7.1211, -10.5641



12.5213, 9.1397, 5.8727

Rectangle

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



12.5210, -6.9232, 6.9143



12.5213, -9.9349, 0.8403



12.5213, 7.1211, -10.5641



12.5213, 12.4510, 0.5207

Sweetspot

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



12.5213, -6.9235, 6.9144



16.6639, -3.8763, 4.3036



9.7856, 2.8315, 5.2093



9.6229, -2.2250, 2.4708



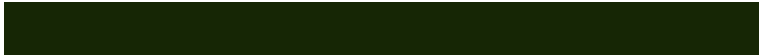
56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.5213, -6.9235, 6.9144



15.3526, -9.7142, 9.2902



11.9711, -9.1694, 6.5048



7.6446, -0.7975, 0.8748



25.4311, -16.8254, 15.3759



69.8714, -48.2543, 42.2097

Inverse Universe

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



6.3871, 8.7611, -12.9337



6.3652, 14.3118, -22.3298



8.0636, 12.0847, -8.3033



7.3091, 0.0095, -0.0861



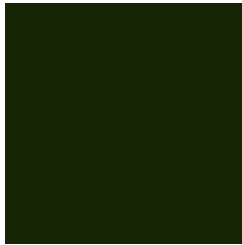
10.2254, 23.4094, -39.1137



27.1984, 63.5213, -113.7654

Previews

White Background



This preview shows how the HunterLab color 12.5210, -6.9232, 6.9143 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 12.5210, -6.9232, 6.9143 Background



This preview shows how black text looks on a background with the HunterLab color 12.5210, -6.9232, 6.9143.



This preview shows how white text looks on a background with the HunterLab color 12.5210, -6.9232, 6.9143.

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

12.5210, -6.9232, 6.9143

Protanopia

12.5096, -2.0110, 7.1287

Deuteranopia

12.4298, 0.0857, 6.4279



Tritanopia

12.4965, -2.2013, -1.0384

Trichromacy



Original Color

12.5210, -6.9232, 6.9143

Protanomaly

12.3203, -3.9050, 6.9706

Deuteranomaly

12.3244, -2.6090, 6.4434

Tritanomaly

12.4218, -4.2322, 2.9155

Monochromacy



Original Color

12.5210, -6.9232, 6.9143

Achromatopsia

11.0844, -0.5914, 0.6022

Achromatomaly

11.4155, -3.2651, 3.5397

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5210, -6.9232, 6.9143 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(22, 38, 5)` looks like.

```
.text, #text, p{  
    color:rgb(22, 38, 5)  
}
```

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(22, 38, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 38, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5210, -6.9232, 6.9143 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(22, 38, 5) }
```


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

```
.border{ border-color:rgb(22, 38, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 38, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 38, 5); -webkit-box-shadow:4px  
4px 4px 4px rgb(22, 38, 5); box-shadow:4px  
4px 4px 4px rgb(22, 38, 5) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.5210, -6.9232, 6.9143 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 38, 5) }
```

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

```
.background{ background-color: rgb(22, 38,  
5) }
```

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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