

Converting Colors

HunterLab(6.0160, 14.5179,
-150.2271)

Have a look what the booklet for
HunterLab(6.0160, 14.5179,
-150.2271) contains.

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Color

**HunterLab(12.5013, 23.3272,
-65.9824)**

Conversions

Conversions Part 1

Format	Color
Hex	001071
RGB	0, 16, 113
RGB Percent	0%, 6%, 44%
CMY	1.0000, 0.9373, 0.5569
CMYK	1.00, 0.86, 0.00, 0.56
HSL	232°, 100%, 22%
HSV	232°, 100%, 44%
XYZ	3.1659, 1.5628, 15.7575
YIQ	22.2740, -40.6730, 26.7750

Conversions

Conversions Part 2

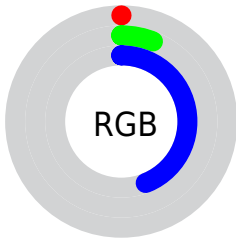
Format	Color
RYB	0, 14, 113
Decimal	4209
CIELab	13.00, 35.87, -55.00
CIELCh	13, 65.663, 303.111
Yxy	1.5628, 0.1545, 0.0763
Android (android.graphics.Color)	4278194289 (0xFF001071)
YUV	22.2740, 44.7279, -19.5343
Hunter-Lab	12.5013, 23.3272, -65.9824

Details

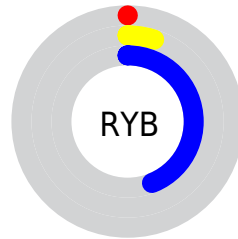
The HunterLab color **12.5013, 23.3272, -65.9824** is a dark color, and the websafe version is hex **000066**. A complement of this color would be **34.7317, -3.8040, 21.3343**, and the grayscale version is **8.9190, -0.4759, 0.4846**.

A 20% lighter version of the original color is **27.4252, 26.7203, -60.6259**, and **6.4310, 15.0340, -40.4924** is the 20% darker color. If you saturate the color by 10%, you get **12.4998, 23.3328, -65.9925**, and if you desaturate by 10%, it is **14.1105, 19.3997, -56.6101**.

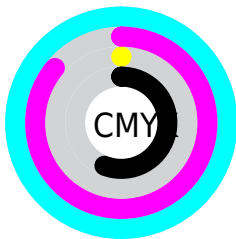
Distribution



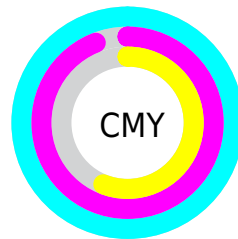
- Red (0%)
- Green (6%)
- Blue (44%)



- Red (0%)
- Yellow (5%)
- Blue (44%)



- Cyan (100%)
- Magenta (86%)
- Yellow (0%)
- Black (56%)



- Cyan (100%)
- Magenta (94%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5013, 23.3272, -65.9824 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 12.5013, 23.3272, -65.9824 by changing the saturation by 10% instead.

12.5013, 23.3272,
-65.9824

12.5013, 23.3272,
-65.9824

103.9070, 34.0789,
-64.0416

5.7649, 28.3725,
-90.5855

27.4558, 26.5232,
-60.5469

0.0000, INF, -NF

0.0000, NaN, -NF

36.2755, 27.9484,
-60.2478

0.0000, NaN, -NF

45.8782, 29.2433,
-60.4970

0.0000, NaN, NaN

0.0000, NaN, NaN

56.2044, 30.4160,
-61.0306

0.0000, NaN, NaN


67.2068, 31.4768,
-61.7128


0.0000, NaN, NaN


78.8459, 32.4352,


0.0000, NaN, NaN


-62.4685


 91.0888, 33.3001,
-63.2536


 12.5013, 23.3272,
-65.9824


 12.5013, 23.3272,
-65.9824


 12.4998, 23.3328,
-65.9925

 14.1105, 19.3997,
-56.6101

 16.1108, 15.4374,
-47.2962

 18.4807, 11.8929,
-38.5254

 21.1391, 8.8495,
-30.6374

 24.0244, 6.2686,
-23.6422

■ 27.0914, 4.0746,
-17.4258

■ 30.3075, 2.1917,
-11.8488

■ 33.6489, 0.5557,
-6.7837

■ 37.0976, -0.8848,
-2.1247

Harmonies

Analogous

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



12.5013, 1.1980, -90.8881



12.5013, 23.3272, -65.9824



12.5013, 45.2862, -23.9295

Triad

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



12.5013, 23.3289, -65.9825



12.5013, 18.3235, 8.7509



12.5013, -21.8773, -1.1706

Complementary

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



12.5013, 23.3272, -65.9824



34.7317, -3.8040, 21.3343

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.



12.5013, -21.8773, 8.7509



12.5013, 23.3272, -65.9824



12.5013, -2.4301, 8.7509

Square

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



12.5013, 23.3289, -65.9825



12.5013, 41.4508, 8.7509



12.5013, -14.8453, 8.7509



12.5013, -21.5139, -32.1239

Rectangle

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



12.5013, 23.3272, -65.9824



12.5013, 52.8238, -3.7656



12.5013, -14.8453, 8.7509



12.5013, -21.8773, 3.9250

Sweetspot

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



12.5013, 23.3289, -65.9825



40.1998, 3.1244, -16.4349



35.5750, -22.0205, 3.0714



18.6596, 1.8772, -9.0264



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.



12.5013, 23.3289, -65.9825



16.3356, 32.6499, -90.8997



12.7860, 31.2156, -64.0192



18.3566, -0.4996, -0.8232



13.2362, 25.1271, -70.7862



28.1758, 61.2005, -167.3317

Inverse Universe

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



18.8371, 32.4541, 10.6329



25.1802, 43.3358, 14.6127



36.3931, -21.0781, 22.0557



18.4621, 0.5830, 1.2227



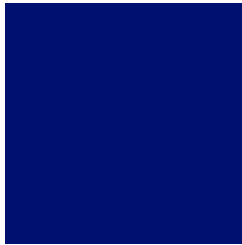
20.0566, 34.5487, 11.4013



44.6757, 76.7800, 26.7635

Previews

White Background



This preview shows how the HunterLab color 12.5013, 23.3272, -65.9824 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 12.5013, 23.3272, -65.9824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

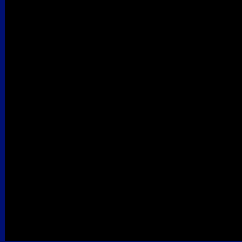
Any Text WCAG AA × Fail

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 12.5013, 23.3272, -65.9824 Background



This preview shows how black text looks on a background with the HunterLab color 12.5013, 23.3272, -65.9824.



This preview shows how white text looks on a background with the HunterLab color 12.5013, 23.3272, -65.9824.

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

12.5013, 23.3272, -65.9824

Protanopia

12.9734, 2.1124, -20.7757

Deuteranopia

12.9265, -1.4790, -12.9643



Tritanopia

12.9798, -6.5324, -2.1221

Trichromacy



Original Color

12.5013, 23.3272, -65.9824

Protanomaly

12.3899, 9.6774, -36.3769

Deuteranomaly

12.1359, 7.0694, -30.4296

Tritanomaly

11.8209, 2.4681, -20.1029

Monochromacy



Original Color

12.5013, 23.3272, -65.9824

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

9.3247, 5.1376, -17.1460

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5013, 23.3272, -65.9824 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(0, 16, 113)` looks like.

```
.text, #text, p{  
    color:rgb(0, 16, 113)  
}
```

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(0, 16, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 16, 113) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5013, 23.3272, -65.9824 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(0, 16, 113) }
```


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

```
.border{ border-color:rgb(0, 16, 113) }
```

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

Here you see how a box with a 4 pixel rgb(0, 16, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 16, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 16, 113);  
box-shadow:4px 4px 4px 4px rgb(0, 16, 113)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5013, 23.3272, -65.9824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 16, 113) }
```

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

```
.background{ background-color: rgb(0, 16,  
113) }
```

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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