

Converting Colors

HunterLab(12.5895, 2.3880,
-12.7005)

Have a look what the booklet for
HunterLab(12.5895, 2.3880,
-12.7005) contains.

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Color

**HunterLab(12.6759, 2.3126,
-12.7987)**

Conversions

Conversions Part 1

Format	Color
Hex	17213D
RGB	23, 33, 61
RGB Percent	9%, 13%, 24%
CMY	0.9098, 0.8706, 0.7608
CMYK	0.62, 0.46, 0.00, 0.76
HSL	224°, 45%, 16%
HSV	224°, 62%, 24%
XYZ	1.7395, 1.6068, 4.6333
YIQ	33.2020, -14.9480, 6.5880

Conversions

Conversions Part 2

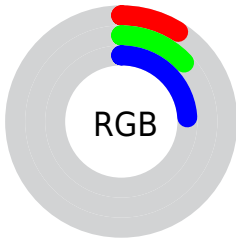
Format	Color
R_{YB}	23, 31, 61
Decimal	1515837
CIE _{Lab}	13.27, 5.59, -19.36
CIE _{LCh}	13, 20.149, 286.122
Yxy	1.6068, 0.2180, 0.2014
Android (android.graphics.Color)	4279705917 (0xFF17213D)
YUV	33.2020, 13.7044, -8.9472
Hunter-Lab	12.6759, 2.3126, -12.7987

Details

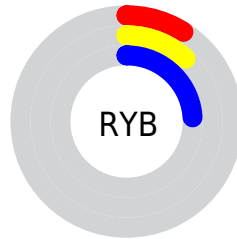
The HunterLab color **12.6759, 2.3126, -12.7987** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **18.4980, -0.8841, 8.7844**, and the grayscale version is **12.3577, -0.6594, 0.6714**.

A 20% lighter version of the original color is **27.7076, 2.2025, -13.8475**, and **2.4936, 3.6559, -11.0088** is the 20% darker color. If you saturate the color by 10%, you get **11.4450, 3.3512, -15.7601**, and if you desaturate by 10%, it is **13.9778, 1.4493, -10.0884**.

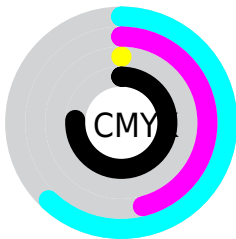
Distribution



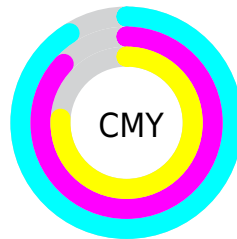
- Red (9%)
- Green (13%)
- Blue (24%)



- Red (9%)
- Yellow (12%)
- Blue (24%)



- Cyan (62%)
- Magenta (46%)
- Yellow (0%)
- Black (76%)



- Cyan (91%)
- Magenta (87%)
- Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.6759, 2.3126, -12.7987 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 12.6759, 2.3126, -12.7987 by changing the saturation by 10% instead.

■ 12.6759, 2.3126,
-12.7987

■ 12.6759, 2.3126,
-12.7987

104.2604, 0.2696,
-15.1759

■ 6.0183, 3.7295,
-15.2819

■ 27.6828, 2.3319,
-13.7037

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 36.5245, 2.2101,
-14.1080

0.0000, NaN, NaN

■ 46.1474, 2.0194,
-14.4467

0.0000, NaN, NaN

■ 56.4925, 1.7684,
-14.7176

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.5125, 1.4634,
-14.9225

0.0000, NaN, NaN

■ 79.1683, 1.1095,

0.0000, NaN, NaN

-15.0649

■ 91.4271, 0.7104,
-15.1482

■ 12.6759, 2.3126,
-12.7987

■ 12.6759, 2.3126,
-12.7987

■ 11.4450, 3.3512,
-15.7601

■ 13.9778, 1.4493,
-10.0884

■ 10.2977, 4.5922,
-18.9934

■ 15.3396, 0.7336,
-7.5993

■ 9.2231, 5.9780,
-22.5930

■ 16.7531, 0.1412,
-5.2988

■ 8.4203, 7.0642,
-25.7743

■ 18.2120, -0.3486,
-3.1569

■ 19.7109, -0.7528,
-1.1474

■ 21.2457, -1.0853,
0.7519

■ 22.8129, -1.3573,
2.5592

■ 24.4097, -1.5781,
4.2899

■ 26.0337, -1.7549,
5.9565

Harmonies

Analogous

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



12.6761, -3.0548, -12.9891



12.6759, 2.3126, -12.7987



12.6761, 7.6373, -8.1565

Triad

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



12.6761, 2.3127, -12.7984



12.6761, 7.2839, 6.1399



12.6761, -9.2088, 2.8229

Complementary

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



12.6759, 2.3126, -12.7987



18.4980, -0.8841, 8.7844

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.



12.6761, -7.2816, 5.9574



12.6759, 2.3126, -12.7987



12.6761, 1.8901, 7.7870

Square

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



12.6761, 2.3127, -12.7984



12.6761, 10.8169, 3.1210



12.6761, -3.4131, 7.7202



12.6761, -9.1341, -2.3445

Rectangle

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



12.6759, 2.3126, -12.7987



12.6761, 10.1869, -3.9530



12.6761, -3.4131, 7.7202



12.6761, -8.7895, 4.0507

Sweetspot

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



12.6761, 2.3127, -12.7984



24.0591, -0.5890, -3.4379



19.3844, -9.8263, 2.2398



12.6254, -0.2766, -1.9909



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



12.6761, 2.3127, -12.7984



13.9105, 5.2801, -22.9051



11.2016, 8.1296, -16.3234



10.8823, -0.4765, -0.2158



12.2569, 13.2117, -43.8404



28.8618, 40.3862, -123.2570

Inverse Universe

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



13.0949, 11.2359, 1.7510



15.0993, 18.3023, 3.2692



20.3298, -7.0721, 10.0389



10.8604, 0.2452, 0.5800



15.7088, 27.3439, 6.7241



39.7684, 68.8824, 19.6680

Previews

White Background



This preview shows how the HunterLab color 12.6759, 2.3126, -12.7987 looks on a white background.

Color Contrast Check

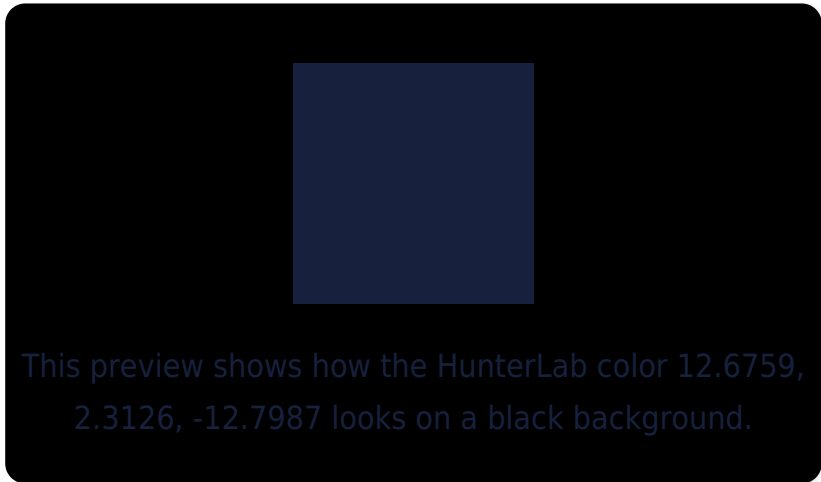
Large Text (above 18pt) WCAG AA ✓ Pass

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

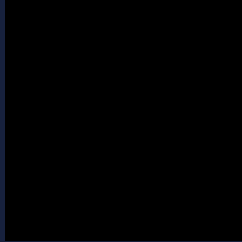
Any Text WCAG AA × Fail

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 12.6759, 2.3126, -12.7987 Background



This preview shows how black text looks on a background with the HunterLab color 12.6759, 2.3126, -12.7987.



This preview shows how white text looks on a background with the HunterLab color 12.6759, 2.3126, -12.7987.

-12.7987.

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

12.6759, 2.3126, -12.7987

Protanopia

12.5860, 2.0198, -13.0069

Deuteranopia

12.6891, 0.0392, -12.8089



Tritanopia

12.7745, -4.7587, -1.9482

Trichromacy



Original Color

12.6759, 2.3126, -12.7987

Protanomaly

12.6302, 2.1639, -12.9043

Deuteranomaly

12.5799, 0.8489, -13.0411

Tritanomaly

12.6267, -2.3682, -5.3914

Monochromacy



Original Color

12.6759, 2.3126, -12.7987

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.3424, -0.0994, -3.3755

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.6759, 2.3126, -12.7987 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(23, 33, 61)` looks like.

```
.text, #text, p{  
    color:rgb(23, 33, 61)  
}
```

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(23, 33, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 33, 61) }
```

Border

The CSS property to change the border of an element to HunterLab 12.6759, 2.3126, -12.7987 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(23, 33, 61) }
```


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

```
.border{ border-color:rgb(23, 33, 61) }
```

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

Here you see how a box with a 4 pixel rgb(23, 33, 61) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 33, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 33, 61);  
box-shadow:4px 4px 4px 4px rgb(23, 33, 61)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.6759, 2.3126, -12.7987 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 33, 61) }
```

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

```
.background{ background-color: rgb(23, 33,  
61) }
```

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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