

Converting Colors

HunterLab(11.7007, -4.7574,
-4.7476)

Have a look what the booklet for
HunterLab(11.7007, -4.7574,
-4.7476) contains.

HunterLab(11.7640, -4.5691, -4.8407)	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>	30

Color

**HunterLab(11.7640, -4.5691,
-4.8407)**

Conversions

Conversions Part 1

Format	Color
Hex	00232C
RGB	0, 35, 44
RGB Percent	0%, 14%, 17%
CMY	1.0000, 0.8627, 0.8274
CMYK	1.00, 0.20, 0.00, 0.83
HSL	192°, 100%, 9%
HSV	192°, 100%, 17%
XYZ	1.0557, 1.3839, 2.5944
YIQ	25.5610, -23.7490, -4.6210

Conversions

Conversions Part 2

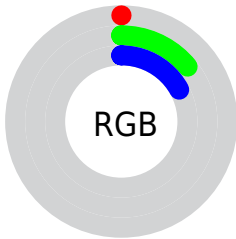
Format	Color
RYB	0, 19, 44
Decimal	9004
CIELab	11.85, -8.49, -9.53
CIELCh	12, 12.763, 228.325
Yxy	1.3840, 0.2097, 0.2749
Android (android.graphics.Color)	4278199084 (0xFF00232C)
YUV	25.5610, 9.0904, -22.4170
Hunter-Lab	11.7640, -4.5691, -4.8407

Details

The HunterLab color **11.7640, -4.5691, -4.8407** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.5492, 8.7667, 5.4211**, and the grayscale version is **10.0086, -0.5340, 0.5438**.

A 20% lighter version of the original color is **26.3790, -6.5077, -5.6002**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7641, -4.5691, -4.8407**, and if you desaturate by 10%, it is **12.1079, -4.4177, -4.2852**.

Distribution



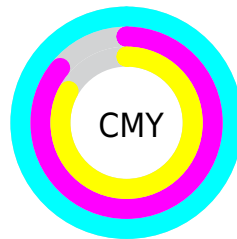
- Red (0%)
- Green (14%)
- Blue (17%)



- Red (0%)
- Yellow (7%)
- Blue (17%)



- Cyan (100%)
- Magenta (20%)
- Yellow (0%)
- Black (83%)



- Cyan (100%)
- Magenta (86%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 11.7640, -4.5691, -4.8407 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 11.7640, -4.5691, -4.8407 by changing the saturation by 10% instead.

■ 11.7640, -4.5691,
-4.8407

■ 11.7640, -4.5691,
-4.8407

■ 102.4024,
-14.0321, -4.1743

■ 4.5262, -7.9208,
-8.4844

■ 26.4937, -6.7382,
-5.1985

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 35.2187, -7.7764,
-5.2452

0.0000, NaN, NaN

■ 44.7345, -8.8063,
-5.2163

0.0000, NaN, NaN

■ 54.9801, -9.8361,
-5.1198

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 65.9067, -10.8707,
-4.9625

0.0000, NaN, NaN

■ 77.4743, -11.9136,

0.0000, NaN, NaN

-4.7497

■ 89.6492, -12.9669,
-4.4857

■ 11.7640, -4.5691,
-4.8407

■ 11.7640, -4.5691,
-4.8407

■ 11.7641, -4.5691,
-4.8407

■ 12.1079, -4.4177,
-4.2852

■ 12.4475, -4.2855,
-3.7552

■ 12.7911, -4.1427,
-3.2361

■ 13.1590, -3.9130,
-2.6966

■ 13.5521, -3.5952,
-2.1374

■ 13.9697, -3.1935,
-1.5613

■ 14.4113, -2.7125,
-0.9710

■ 14.8759, -2.1574,
-0.3687

■ 15.3627, -1.5336,
0.2431

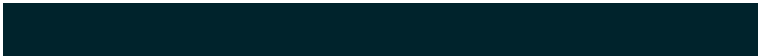
Harmonies

Analogous

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



11.7642, -6.0822, -1.4272



11.7640, -4.5691, -4.8407



11.7642, -1.8891, -6.9680

Triad

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



11.7642, -4.5690, -4.8405



11.7642, 6.2778, -0.6522



11.7642, -2.5638, 5.3048

Complementary

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



11.7640, -4.5691, -4.8407



8.5492, 8.7667, 5.4211

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.



11.7642, 0.6878, 5.4398



11.7640, -4.5691, -4.8407



11.7642, 6.0455, 2.3897

Square

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



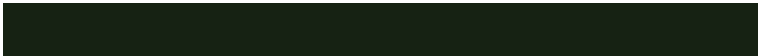
11.7642, -4.5690, -4.8405



11.7642, 4.5144, -4.1398



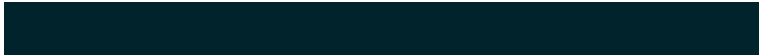
11.7642, 3.9108, 4.3948



11.7642, -5.0158, 4.0259

Rectangle

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



11.7640, -4.5691, -4.8407



11.7642, 0.3077, -7.0659



11.7642, 3.9108, 4.3948



11.7642, -1.5360, 5.4855

Sweetspot

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



11.7642, -4.5690, -4.8405



17.9951, -3.5111, -1.3424



13.4933, -11.0600, 7.0103



9.7484, -1.9020, -0.7272



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



11.7642, -4.5690, -4.8405



14.6109, -5.5285, -6.3279



6.8912, 3.5122, -16.1942



8.9984, -0.8232, 0.2066



22.2155, -8.0704, -10.3457



58.1032, -19.9301, -29.6005

Inverse Universe

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



8.1048, 15.3758, -6.3695



10.1500, 19.2204, -7.6910



12.2682, 0.6978, 7.5716



8.7470, 0.2748, 0.0833



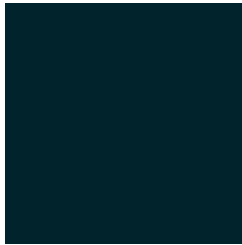
15.6239, 29.5038, -11.2007



41.5249, 78.1370, -27.6189

Previews

White Background



This preview shows how the HunterLab color 11.7640, -4.5691, -4.8407 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

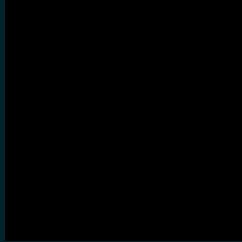
Any Text WCAG AA × Fail

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 11.7640, -4.5691, -4.8407 Background



This preview shows how black text looks on a background with the HunterLab color 11.7640, -4.5691, -4.8407.



This preview shows how white text looks on a background with the HunterLab color 11.7640, -4.5691, -4.8407.

-4.8407.

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

11.7640, -4.5691, -4.8407

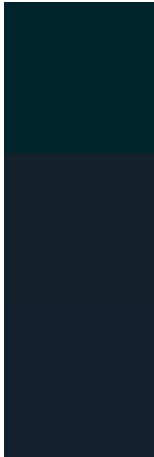
Protanopia

12.0888, 0.1237, -3.2920

Deuteranopia

12.1217, 0.4197, -4.6664

Trichromacy



Original Color

11.7640, -4.5691, -4.8407

Protanomaly

11.7929, -2.0298, -4.2594

Deuteranomaly

11.8565, -1.6748, -5.1380

Monochromacy



Original Color

11.7640, -4.5691, -4.8407

Achromatopsia

10.1636, -0.5423, 0.5522

Achromatomaly

10.5248, -2.3904, -1.6621

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 11.7640, -4.5691, -4.8407 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, 35, 44)` looks like.

```
.text, #text, p{  
    color:rgb(0, 35, 44)  
}
```

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, 35, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 35, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 11.7640, -4.5691, -4.8407 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, 35, 44) }
```

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

```
.border{ border-color:rgb(0, 35, 44) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 35, 44)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 35, 44); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 35, 44); box-shadow:4px  
4px 4px 4px rgb(0, 35, 44) }
```


Background

The CSS property to change the background color of an element to HunterLab 11.7640, -4.5691, -4.8407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 35, 44) }
```

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

```
.background{ background-color: rgb(0, 35,  
44) }
```

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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