

Converting Colors

HunterLab(20.5407, 2.3901,
-44.8155)

Have a look what the booklet for
HunterLab(20.5407, 2.3901,
-44.8155) contains.

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Color

**HunterLab(21.8266, 6.3463,
-40.9812)**

Conversions

Conversions Part 1

Format	Color
Hex	003C7F
RGB	0, 60, 127
RGB Percent	0%, 24%, 50%
CMY	0.9999, 0.7647, 0.5020
CMYK	1.00, 0.53, 0.00, 0.50
HSL	212°, 100%, 25%
HSV	212°, 100%, 50%
XYZ	5.4466, 4.7640, 20.7111
YIQ	49.6980, -57.2670, 8.1170

Conversions

Conversions Part 2

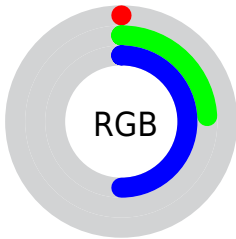
Format	Color
RYB	0, 41, 127
Decimal	15487
CIELab	26.05, 11.51, -42.52
CIELCh	26, 44.049, 285.149
Yxy	4.7641, 0.1761, 0.1541
Android (android.graphics.Color)	4278205567 (0xFF003C7F)
YUV	49.6980, 38.1099, -43.5851
Hunter-Lab	21.8266, 6.3463, -40.9812

Details

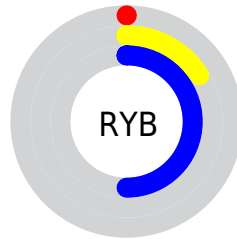
The HunterLab color **21.8266, 6.3463, -40.9812** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **29.2033, 14.6667, 18.2508**, and the grayscale version is **17.6504, -0.9418, 0.9590**.

A 20% lighter version of the original color is **39.1755, 6.5164, -41.0968**, and **10.0078, 10.5322, -35.2448** is the 20% darker color. If you saturate the color by 10%, you get **21.8246, 6.3505, -40.9877**, and if you desaturate by 10%, it is **23.6528, 3.7518, -35.6905**.

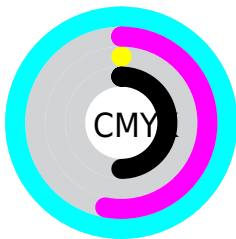
Distribution



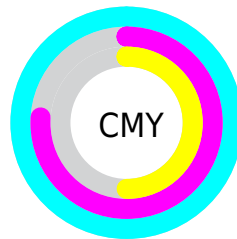
- Red (0%)
- Green (24%)
- Blue (50%)



- Red (0%)
- Yellow (16%)
- Blue (50%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (50%)



- Cyan (100%)
- Magenta (76%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.8266, 6.3463, -40.9812 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 21.8266, 6.3463, -40.9812 by changing the saturation by 10% instead.

■ 21.8266, 6.3463,
-40.9812

■ 21.8266, 6.3463,
-40.9812

■ 121.4591, 6.2698,
-46.0318

■ 14.5243, 5.9113,
-41.7737

■ 39.1242, 6.8549,
-41.5362

■ 8.1853, 5.7413,
-45.7732

■ 48.9532, 6.9671,
-42.1573

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 59.4903, 7.0021,
-42.8392

0.0000, NaN, -NF

■ 70.6907, 6.9687,
-43.5322

0.0000, NaN, NaN

■ 82.5173, 6.8738,
-44.2097

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 94.9384, 6.7228,

-44.8570

0.0000, NaN, NaN

107.9270, 6.5203,
-45.4658

21.8266, 6.3463,
-40.9812

21.8266, 6.3463,
-40.9812

21.8246, 6.3505,
-40.9877

23.6528, 3.7518,
-35.6905

25.6171, 1.5145,
-30.6600

27.7470, -0.2407,
-25.8111

30.0266, -1.5462,
-21.1720

32.4402, -2.4473,
-16.7506

■ 34.9735, -2.9921,
-12.5411

■ 37.6136, -3.2268,
-8.5291

■ 40.3496, -3.1926,
-4.6966

■ 43.1718, -2.9258,
-1.0241

Harmonies

Analogous

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



21.8269, -7.6634, -41.0678



21.8266, 6.3463, -40.9812



21.8269, 21.4609, -25.7939

Triad

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



21.8269, 6.3471, -40.9806



21.8269, 21.3245, 12.6791



21.8269, -21.6117, 6.7987

Complementary

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



21.8266, 6.3463, -40.9812



29.2033, 14.6667, 18.2508

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.



21.8269, -17.1975, 12.6484



21.8266, 6.3463, -40.9812



21.8269, 6.1938, 14.8345

Square

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



21.8269, 6.3471, -40.9806



21.8269, 31.4844, 6.8905



21.8269, -7.7826, 14.8232



21.8269, -21.5904, -6.6455

Rectangle

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



21.8266, 6.3463, -40.9812



21.8269, 29.1312, -12.5953



21.8269, -7.7826, 14.8232



21.8269, -20.6586, 9.4600

Sweetspot

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



21.8269, 6.3471, -40.9806



50.0730, -4.3080, -11.7954



39.4561, -30.3138, 16.1237



23.6159, -2.0472, -6.6189



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



21.8269, 6.3471, -40.9806



28.6965, 9.5296, -56.4398



12.4355, 33.6106, -87.4801



21.2617, -1.4160, -0.3456



21.9112, 6.3901, -41.1815

0.0000, NaN, NaN

Inverse Universe

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



21.9969, 39.1494, 2.7171



29.3842, 52.2077, 4.3645



44.1928, -12.5905, 27.0104



20.9176, 0.9906, 0.6371



22.0888, 39.3157, 2.7398

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.8266, 6.3463, -40.9812 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 21.8266, 6.3463, -40.9812 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

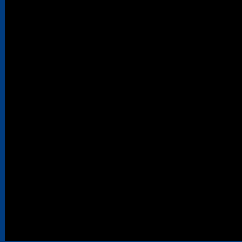
Any Text WCAG AA × Fail

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 21.8266, 6.3463, -40.9812 Background



This preview shows how black text looks on a background with the HunterLab color 21.8266, 6.3463, -40.9812.



This preview shows how white text looks on a background with the HunterLab color 21.8266, 6.3463, -40.9812.

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

21.8266, 6.3463, -40.9812

Protanopia

21.9593, 6.7609, -40.5628

Deuteranopia

21.8920, -0.4137, -26.4700



Tritanopia

21.7960, -10.5920, -4.3780

Trichromacy



Original Color

21.8266, 6.3463, -40.9812

Protanomaly

21.9152, 6.6232, -40.7015

Deuteranomaly

21.9453, 1.6947, -31.0882

Tritanomaly

21.6489, -5.5313, -15.1188

Monochromacy



Original Color

21.8266, 6.3463, -40.9812

Achromatopsia

17.8595, -0.9529, 0.9703

Achromatomaly

18.6962, -1.3075, -11.3598

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.8266, 6.3463, -40.9812 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, 60, 127)` looks like.

```
.text, #text, p{  
    color:rgb(0, 60, 127)  
}
```

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, 60, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 60, 127) }
```

Border

The CSS property to change the border of an element to HunterLab 21.8266, 6.3463, -40.9812 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, 60, 127) }
```


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

```
.border{ border-color:rgb(0, 60, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 60, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 60, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 60, 127);  
box-shadow:4px 4px 4px 4px rgb(0, 60, 127)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.8266, 6.3463, -40.9812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 60, 127) }
```

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

```
.background{ background-color: rgb(0, 60,  
127) }
```

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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