

Converting Colors

HunterLab(18.3944, -3.3963,
-50.0826)

Have a look what the booklet for
HunterLab(18.3944, -3.3963,
-50.0826) contains.

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Color

**HunterLab(21.1692, 6.3887,
-40.2510)**

Conversions

Conversions Part 1

Format	Color
Hex	003A7C
RGB	0, 58, 124
RGB Percent	0%, 23%, 49%
CMY	0.9999, 0.7725, 0.5137
CMYK	1.00, 0.53, 0.00, 0.51
HSL	212°, 100%, 24%
HSV	212°, 100%, 49%
XYZ	5.1511, 4.4814, 19.6623
YIQ	48.1820, -55.7540, 8.2300

Conversions

Conversions Part 2

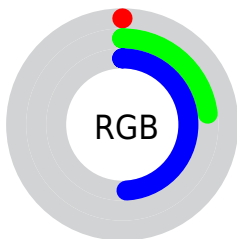
Format	Color
RYB	0, 40, 124
Decimal	14972
CIELab	25.20, 11.62, -42.01
CIELCh	25, 43.583, 285.461
Yxy	4.4815, 0.1758, 0.1530
Android (android.graphics.Color)	4278205052 (0xFF003A7C)
YUV	48.1820, 37.3783, -42.2556
Hunter-Lab	21.1692, 6.3887, -40.2510

Details

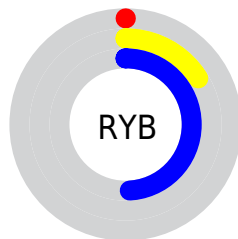
The HunterLab color **21.1692, 6.3887, -40.2510** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **28.6067, 13.9677, 17.8709**, and the grayscale version is **17.1471, -0.9149, 0.9316**.

A 20% lighter version of the original color is **38.1717, 7.0268, -40.9629**, and **9.4621, 10.5402, -34.5801** is the 20% darker color. If you saturate the color by 10%, you get **21.1673, 6.3927, -40.2573**, and if you desaturate by 10%, it is **22.9595, 3.8489, -35.0282**.

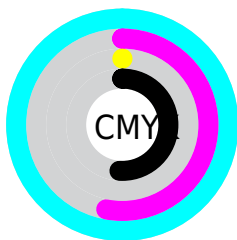
Distribution



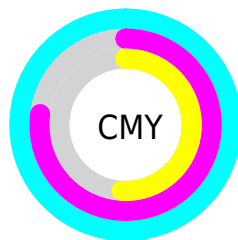
- Red (0%)
- Green (23%)
- Blue (49%)



- Red (0%)
- Yellow (16%)
- Blue (49%)



- Cyan (100%)
- Magenta (53%)
- Yellow (0%)
- Black (51%)



- Cyan (100%)
- Magenta (77%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.1692, 6.3887, -40.2510 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 21.1692, 6.3887, -40.2510 by changing the saturation by 10% instead.

■ 21.1692, 6.3887,
-40.2510

■ 21.1692, 6.3887,
-40.2510

■ 120.2901, 6.4140,
-45.2427

■ 13.9512, 5.9343,
-41.0968

■ 38.3243, 6.9281,
-40.7824

■ 7.5897, 6.2654,
-46.2443

■ 48.0909, 7.0530,
-41.3992

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 58.5697, 7.0996,
-42.0772

0.0000, NaN, NaN

■ 69.7153, 7.0768,
-42.7659

0.0000, NaN, NaN

■ 81.4901, 6.9917,
-43.4386

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 93.8619, 6.8500,

-44.0803

0.0000, NaN, NaN

106.8032, 6.6562,
-44.6832

21.1692, 6.3887,
-40.2510

21.1692, 6.3887,
-40.2510

21.1673, 6.3927,
-40.2573

22.9595, 3.8489,
-35.0282

24.8833, 1.6514,
-30.0741

26.9691, -0.0762,
-25.3049

29.2012, -1.3664,
-20.7477

31.5639, -2.2637,
-16.4093

■ 34.0431, -2.8155,
-12.2828

■ 36.6262, -3.0667,
-8.3533

■ 39.3025, -3.0578,
-4.6020

■ 42.0626, -2.8238,
-1.0095

Harmonies

Analogous

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



21.1695, -7.3678, -40.5164



21.1692, 6.3887, -40.2510



21.1695, 21.2050, -25.1700

Triad

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



21.1695, 6.3895, -40.2505



21.1695, 20.7903, 12.3928



21.1695, -21.1270, 6.5440

Complementary

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



21.1692, 6.3887, -40.2510



28.6067, 13.9677, 17.8709

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.



21.1695, -16.8731, 12.2956



21.1692, 6.3887, -40.2510



21.1695, 5.9243, 14.5707

Square

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



21.1695, 6.3895, -40.2505



21.1695, 30.8566, 6.8209



21.1695, -7.7286, 14.5351



21.1695, -21.0628, -6.7097

Rectangle

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



21.1692, 6.3887, -40.2510



21.1695, 28.6917, -12.1815



21.1695, -7.7286, 14.5351



21.1695, -20.2139, 9.1630

Sweetspot

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



21.1695, 6.3895, -40.2505



48.3342, -4.0563, -11.4505



38.4532, -29.5285, 15.6818



22.8718, -1.9281, -6.4272



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



21.1695, 6.3895, -40.2505



27.5879, 9.4822, -54.9519



12.1203, 32.7555, -85.2392



20.4300, -1.3475, -0.3293



21.3299, 6.4703, -40.6280



44.7537, 17.9162, -94.6141

Inverse Universe

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



21.4265, 38.1152, 2.7933



28.3735, 50.3872, 4.4064



43.0676, -12.2682, 26.3227



20.1081, 0.9320, 0.6265



21.6013, 38.4277, 2.8359



46.9990, 83.2735, 8.7713

Previews

White Background



This preview shows how the HunterLab color 21.1692, 6.3887, -40.2510 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 21.1692, 6.3887, -40.2510 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

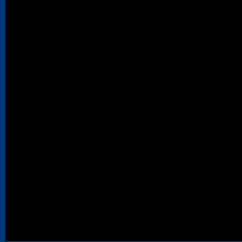
Any Text WCAG AA × Fail

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 21.1692, 6.3887, -40.2510 Background



This preview shows how black text looks on a background with the HunterLab color 21.1692, 6.3887, -40.2510.



This preview shows how white text looks on a background with the HunterLab color 21.1692, 6.3887, -40.2510.

-40.2510.

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

21.1692, 6.3887, -40.2510

Protanopia

21.1692, 6.3887, -40.2510

Deuteranopia

21.2292, -0.3527, -25.7732



Tritanopia

21.1406, -10.4456, -3.8748

Trichromacy



Original Color

21.1692, 6.3887, -40.2510

Protanomaly

21.1692, 6.3887, -40.2510

Deuteranomaly

21.2832, 1.7483, -30.3762

Tritanomaly

20.9880, -5.4409, -14.4878

Monochromacy



Original Color

21.1692, 6.3887, -40.2510

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

18.0806, -1.0605, -11.2988

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.1692, 6.3887, -40.2510 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, 58, 124)` looks like.

```
.text, #text, p{  
    color:rgb(0, 58, 124)  
}
```

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, 58, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 58, 124) }
```

Border

The CSS property to change the border of an element to HunterLab 21.1692, 6.3887, -40.2510 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, 58, 124) }
```


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

```
.border{ border-color:rgb(0, 58, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 58, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 58, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 58, 124);  
box-shadow:4px 4px 4px 4px rgb(0, 58, 124)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 21.1692, 6.3887, -40.2510 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 58, 124) }
```

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

```
.background{ background-color: rgb(0, 58,  
124) }
```

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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