

Converting Colors

HunterLab(21.4024, 17.6685,
-49.9717)

Have a look what the booklet for
HunterLab(21.4024, 17.6685,
-49.9717) contains.

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Color

**HunterLab(21.4740, 17.6189,
-49.7465)**

Conversions

Conversions Part 1

Format	Color
Hex	2E3287
RGB	46, 50, 135
RGB Percent	18%, 20%, 53%
CMY	0.8196, 0.8039, 0.4706
CMYK	0.66, 0.63, 0.00, 0.47
HSL	237°, 49%, 35%
HSV	237°, 66%, 53%
XYZ	6.6405, 4.6113, 23.4618
YIQ	58.4940, -29.6690, 25.5870

Conversions

Conversions Part 2

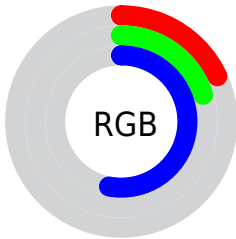
Format	Color
R_{YB}	46, 50, 135
Decimal	3027591
CIE _{Lab}	25.60, 26.63, -48.18
CIE _{LCh}	26, 55.054, 298.932
Yxy	4.6114, 0.1913, 0.1328
Android (android.graphics.Color)	4281217671 (0xFF2E3287)
YUV	58.4940, 37.7175, -10.9572
Hunter-Lab	21.4740, 17.6189, -49.7465

Details

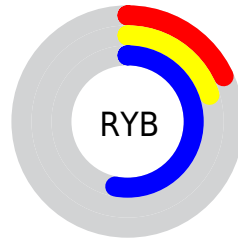
The HunterLab color $[21.4740, 17.6189, -49.7465]$ is a dark color, and the websafe version is hex 333399 . A complement of this color would be $[46.4568, -9.8251, 25.1550]$, and the grayscale version is $[20.6217, -1.1003, 1.1204]$.

A 20% lighter version of the original color is $[38.6309, 20.0115, -49.7363]$, and $[9.0209, 17.5963, -49.2606]$ is the 20% darker color. If you saturate the color by 10%, you get $[18.4235, 22.4958, -62.0202]$, and if you desaturate by 10%, it is $[24.9758, 13.3147, -38.7911]$.

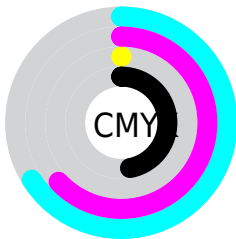
Distribution



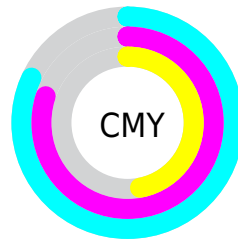
- Red (18%)
- Green (20%)
- Blue (53%)



- Red (18%)
- Yellow (20%)
- Blue (53%)



- Cyan (66%)
- Magenta (63%)
- Yellow (0%)
- Black (47%)



- Cyan (82%)
- Magenta (80%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.4740, 17.6189, -49.7465 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 21.4740, 17.6189, -49.7465 by changing the saturation by 10% instead.

■ 21.4740, 17.6189,
-49.7465

■ 21.4740, 17.6189,
-49.7465

■ 120.8331, 23.8006,
-54.4192

■ 14.2167, 16.3383,
-51.4643

■ 38.6955, 19.7381,
-49.6519

■ 7.8722, 15.8145,
-58.3811

■ 48.4912, 20.6013,
-50.1858

0.0000, INF, -NF

■ 58.9971, 21.3533,
-50.8533

0.0000, NaN, -NF

■ 70.1682, 22.0061,
-51.5776

0.0000, NaN, -NF

■ 81.9671, 22.5697,
-52.3161

0.0000, NaN, NaN

■ 94.3619, 23.0522,

0.0000, NaN, NaN

0.0000, NaN, NaN

-53.0445

0.0000, NaN, NaN

107.3252, 23.4606,
-53.7484

■ 21.4740, 17.6189,
-49.7465

■ 21.4740, 17.6189,
-49.7465

■ 18.4235, 22.4958,
-62.0202

■ 24.9758, 13.3147,
-38.7911

■ 15.9682, 27.6451,
-74.7856

■ 28.8196, 9.5897,
-29.2303

■ 14.2531, 32.2330,
-86.0031

■ 32.9298, 6.3557,
-20.8681

■ 13.7143, 33.7757,
-90.0538

■ 37.2539, 3.5108,
-13.4631

■ 41.7547, 0.9671,
-6.8020

■ 46.4055, -1.3446,
-0.7147

■ 51.1864, -3.4771,
4.9293

■ 56.0823, -5.4702,
10.2290

■ 61.0813, -7.3540,
15.2597

Harmonies

Analogous

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



21.4743, -1.7688, -61.5154



21.4740, 17.6189, -49.7465



21.4743, 35.8225, -22.6939

Triad

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



21.4743, 17.6197, -49.7458



21.4743, 19.0609, 15.0320



21.4743, -25.4544, 1.7553

Complementary

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



21.4740, 17.6189, -49.7465



46.4568, -9.8251, 25.1550

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.



21.4743, -22.9956, 11.9793



21.4740, 17.6189, -49.7465



21.4743, -0.5180, 15.0320

Square

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



21.4743, 17.6197, -49.7458



21.4743, 36.8246, 11.5879



21.4743, -15.0903, 15.0320



21.4743, -23.3326, -20.7209

Rectangle

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



21.4740, 17.6189, -49.7465



21.4743, 42.7108, -5.9071



21.4743, -15.0903, 15.0320



21.4743, -25.1550, 6.4387

Sweetspot

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



21.4743, 17.6197, -49.7458



53.1239, 2.7912, -13.0292



44.1990, -21.3849, -1.7296



24.8575, 1.7469, -7.3268



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



21.4743, 17.6197, -49.7458



22.9489, 33.4474, -91.3246



23.8424, 27.1007, -41.8346



21.3907, -0.2997, -1.2396



13.1901, 32.3480, -86.3166



0.8985, 1.4499, -4.2529

Inverse Universe

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



27.0843, 28.6878, 10.5856



32.7415, 46.2466, 16.8131



44.6718, -22.7472, 23.6970



21.6607, 0.6639, 1.6696



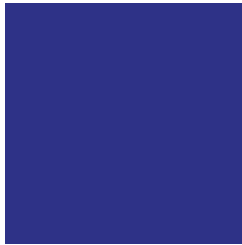
21.8233, 37.4317, 13.6473



1.2925, 2.2329, 0.6848

Previews

White Background



This preview shows how the HunterLab color 21.4740, 17.6189, -49.7465 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 21.4740, 17.6189, -49.7465 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 21.4740, 17.6189, -49.7465 Background



This preview shows how black text looks on a background with the HunterLab color 21.4740, 17.6189, -49.7465.



This preview shows how white text looks on a background with the HunterLab color 21.4740, 17.6189, -49.7465.

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

21.4740, 17.6189, -49.7465

Protanopia

21.4083, 5.9095, -39.5155

Deuteranopia

21.2292, -0.3527, -25.7732



Tritanopia

21.2022, -10.0813, -4.7384

Trichromacy



Original Color

21.4740, 17.6189, -49.7465

Protanomaly

21.2274, 9.4512, -43.7949

Deuteranomaly

21.0467, 5.1932, -34.3504

Tritanomaly

20.7393, -1.7697, -18.8882

Monochromacy



Original Color

21.4740, 17.6189, -49.7465

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.4659, 4.0192, -12.8242

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.4740, 17.6189, -49.7465 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(46, 50, 135)` looks like.

```
.text, #text, p{  
    color:rgb(46, 50, 135)  
}
```

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(46, 50, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(46, 50, 135) }
```

Border

The CSS property to change the border of an element to HunterLab 21.4740, 17.6189, -49.7465 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(46, 50, 135) }
```


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

```
.border{ border-color:rgb(46, 50, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(46, 50, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(46, 50, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(46, 50, 135);  
box-shadow:4px 4px 4px 4px rgb(46, 50,  
135) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.4740, 17.6189, -49.7465 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(46, 50, 135) }
```

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

```
.background{ background-color: rgb(46, 50,  
135) }
```

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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