

Converting Colors

HunterLab(12.2464, 2.6342,
-20.7281)

Have a look what the booklet for
HunterLab(12.2464, 2.6342,
-20.7281) contains.

HunterLab(12.1724, 2.6674, -20.6762)	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>	31

Color

**HunterLab(12.1724, 2.6674,
-20.6762)**

Conversions

Conversions Part 1

Format	Color
Hex	012046
RGB	1, 32, 70
RGB Percent	0%, 13%, 27%
CMY	0.9961, 0.8745, 0.7255
CMYK	0.99, 0.54, 0.00, 0.73
HSL	213°, 97%, 14%
HSV	213°, 99%, 27%
XYZ	1.6345, 1.4817, 5.9942
YIQ	27.0630, -30.6740, 5.2460

Conversions

Conversions Part 2

Format	Color
R_{YB}	1, 22, 70
Decimal	73798
CIE Lab	12.49, 6.25, -26.96
CIE LCh	12, 27.676, 283.058
Yxy	1.4817, 0.1794, 0.1626
Android (android.graphics.Color)	4278263878 (0xFF012046)
YUV	27.0630, 21.1679, -22.8573
Hunter-Lab	12.1724, 2.6674, -20.6762

Details

The HunterLab color **12.1724, 2.6674, -20.6762** is a dark color, and the websafe version is hex **003366**. A complement of this color would be **16.6001, 5.9719, 10.2304**, and the grayscale version is **10.4327, -0.5567, 0.5668**.

A 20% lighter version of the original color is **26.9511, 3.1102, -21.7330**, and **3.1031, 5.9196, -16.6572** is the 20% darker color. If you saturate the color by 10%, you get **12.0237, 2.8192, -21.1145**, and if you desaturate by 10%, it is **13.2169, 1.6150, -17.8206**.

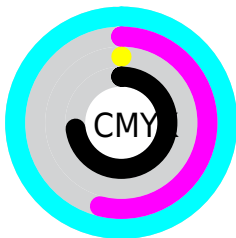
Distribution



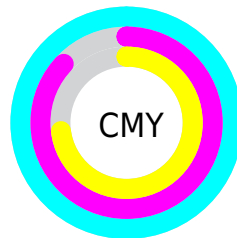
- Red (0%)
- Green (13%)
- Blue (27%)



- Red (0%)
- Yellow (9%)
- Blue (27%)



- Cyan (99%)
- Magenta (54%)
- Yellow (0%)
- Black (73%)



- Cyan (100%)
- Magenta (87%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.1724, 2.6674, -20.6762 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 12.1724, 2.6674, -20.6762 by changing the saturation by 10% instead.

12.1724, 2.6674,
-20.6762

12.1724, 2.6674,
-20.6762

103.2388, 0.9983,
-24.4013

5.2517, 4.9078,
-27.6282

27.0277, 2.7962,
-21.4363

0.0000, NaN, -NF

0.0000, NaN, NaN

35.8055, 2.7206,
-21.9870

0.0000, NaN, NaN

45.3698, 2.5722,
-22.5194

0.0000, NaN, NaN

55.6603, 2.3605,
-23.0077

0.0000, NaN, NaN

0.0000, NaN, NaN

66.6291, 2.0924,
-23.4419

0.0000, NaN, NaN

78.2366, 1.7734,

0.0000, NaN, NaN

-23.8188

■ 90.4494, 1.4075,
-24.1381

■ 12.1724, 2.6674,
-20.6762

■ 12.1724, 2.6674,
-20.6762

■ 12.0237, 2.8192,
-21.1145

■ 13.2169, 1.6150,
-17.8206

■ 14.2897, 0.6213,
-15.2256

■ 15.4338, -0.1648,
-12.7522

■ 16.6444, -0.7537,
-10.3975

■ 17.9144, -1.1675,
-8.1589

■ 19.2375, -1.4275,
-6.0292

■ 20.6084, -1.5535,
-3.9988

■ 22.0223, -1.5628,
-2.0574

■ 23.4752, -1.4705,
-0.1950

Harmonies

Analogous

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



12.1726, -4.4574, -20.1206



12.1724, 2.6674, -20.6762



12.1726, 10.4243, -13.5851

Triad

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



12.1726, 2.6678, -20.6759



12.1726, 11.3235, 7.6213



12.1726, -11.5051, 3.9331

Complementary

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



12.1724, 2.6674, -20.6762



16.6001, 5.9719, 10.2304

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.



12.1726, -8.7912, 8.0729



12.1724, 2.6674, -20.6762



12.1726, 3.6915, 8.5208

Square

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



12.1726, 2.6678, -20.6759



12.1726, 16.1554, 3.2977



12.1726, -3.6469, 8.5208



12.1726, -11.6789, -2.7365

Rectangle

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



12.1724, 2.6674, -20.6762



12.1726, 14.4647, -7.0221



12.1726, -3.6469, 8.5208



12.1726, -10.8598, 5.4569

Sweetspot

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



12.1726, 2.6678, -20.6759



26.6915, -2.0204, -5.9777



21.2908, -15.7278, 7.5103



13.3187, -1.0077, -3.2713



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



12.1726, 2.6678, -20.6759



15.4005, 4.6252, -29.2337



7.0196, 17.5224, -44.3095



12.5044, -0.7839, -0.1090



16.6184, 5.2875, -32.1857



38.7779, 17.7809, -86.8530

Inverse Universe

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



11.9507, 20.8697, 0.9497



15.5782, 27.7166, 2.0162



23.5797, -7.3527, 14.3285



12.3438, 0.4083, 0.4406



16.9265, 30.0917, 2.3744



41.5706, 73.4965, 8.9904

Previews

White Background



This preview shows how the HunterLab color 12.1724, 2.6674, -20.6762 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

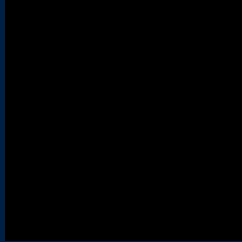
Any Text WCAG AA × Fail

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 12.1724, 2.6674, -20.6762 Background



This preview shows how black text looks on a background with the HunterLab color 12.1724, 2.6674, -20.6762.



This preview shows how white text looks on a background with the HunterLab color 12.1724, 2.6674,

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

12.1724, 2.6674, -20.6762

Protanopia

12.0942, 2.3124, -20.1085

Deuteranopia

12.0823, -1.0305, -12.8773



Tritanopia

12.1505, -5.9177, -2.4124

Trichromacy



Original Color

12.1724, 2.6674, -20.6762

Protanomaly

12.0942, 2.3124, -20.1085

Deuteranomaly

12.0274, 0.3388, -15.7647

Tritanomaly

12.0045, -3.1858, -8.1274

Monochromacy



Original Color

12.1724, 2.6674, -20.6762

Achromatopsia

10.4690, -0.5586, 0.5688

Achromatomaly

10.8708, -0.5535, -5.7764

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.1724, 2.6674, -20.6762 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(1, 32, 70)` looks like.

```
.text, #text, p{  
    color:rgb(1, 32, 70)  
}
```

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(1, 32, 70) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 32, 70) }
```

Border

The CSS property to change the border of an element to HunterLab 12.1724, 2.6674, -20.6762 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(1, 32, 70) }
```


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

```
.border{ border-color:rgb(1, 32, 70) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 32, 70)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 32, 70); -webkit-box-shadow:4px  
4px 4px 4px rgb(1, 32, 70); box-shadow:4px  
4px 4px 4px rgb(1, 32, 70) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.1724, 2.6674, -20.6762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 32, 70) }
```

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

```
.background{ background-color: rgb(1, 32,  
70) }
```

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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